

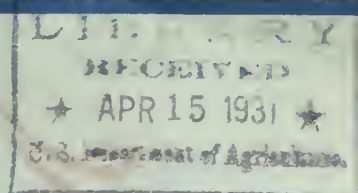
## **Historic, Archive Document**

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1931 Year Book



# STATE NURSERY & SEED CO.



HELENA • MONTANA  
ESTABLISHED 1890



# Make Your Garden Your Outdoor Living Room



## ASTERS

### SINGLE GIANTS OF CALIFORNIA

We offer these wonderful new asters for the first time. The flowers are large, measuring three to four inches across, with stems 18 to 24 inches in length. The petal has a slight twist, which adds a piquant touch to its beauty. The blossoms resemble Shasta Daisies in appearance, but their greater length of stem makes them more graceful. In the garden, the Single Giants of California add a charming note of simplicity among the fuller types of Asters. We believe this new single type of Aster is destined to become very popular.

WHITE—ROSE—LIGHT BLUE—PURPLE  
LILAC—FLESH—MIXED

PACKET.....15¢ 1/8 OUNCE.....60¢

## PETUNIA

Are among the most valuable plants for window or porch boxes, dry banks, terraces or among rock work. They thrive with little care and can be depended upon to supply an unsurpassed floral effect throughout the greater part of the year.

In the following colors: Balcony Blue, Balcony Rose, Balcony White, and Our Special Balcony Mixture at 15¢ per packet.



## SNAPDRAGON

### SPLENDID FOR DECORATION AND CUTTING

Snapdragons have become immensely popular within the last few years, and justly so, because they are one of the most valuable and decorative flowers which can easily be grown from seed, thriving in any soil, and blooming freely. The odd-shaped flowers are of brilliant colorings and very prettily spotted throats.

DAPHNE, SILVER-PINK.....Pkt., 10¢  
DEFIANCE, FIERY SCARLET.....Pkt., 10¢  
FIREBRAND, SCARLET, Yellow Lip.....Pkt., 10¢  
GOLDEN QUEEN, Rich Pure Yellow.....Pkt., 10¢  
PURITY, PURE WHITE.....Pkt., 10¢  
ROSE QUEEN, Rose Pink, Yellow Lip.....Pkt., 10¢

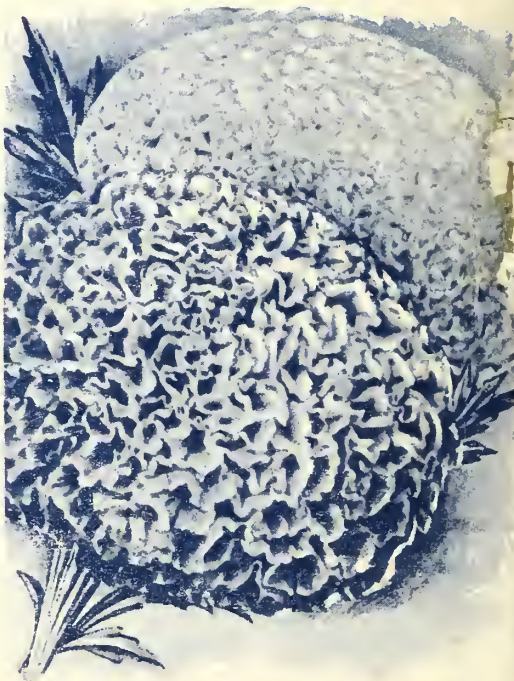
HALF DWARF, CHOICE MIXED  
Pkt., 10¢; 1/16 oz., 35¢ 1/8 oz., 55¢

## MARIGOLD

The tall African varieties are very showy when grown in large groups, while the French varieties are unusually effective in beds, edgings or pots.

Ball shaped type often 4 to 5 inches across.  
TALL DOUBLE ORANGE PRINCE.....Pkt., 10¢  
TALL DOUBLE LEMON QUEEN.....Pkt., 10¢  
TALL DOUBLE ELDORADO  
SHADES OF YELLOW.....Pkt., 10¢

TALL DOUBLE MIXED  
Pkt., 10¢; 1/4 oz., 25¢; oz., 75¢



## SCABIOSA

### SCABIOSAS OR OLD FASHIONED PIN CUSHIONS

An old-fashioned but most attractive flower. Its great abundance and long succession of richly colored, fragrant blossoms on long stems make it one of the most useful decorative plants of the garden. Desirable for cutting as well as for beds and borders.

AZURE FAIRY—Lavender Blue.....Pkt., 10¢  
SNOWBALL—PURE WHITE.....Pkt., 10¢  
BRIGHT FIERY SCARLET.....Pkt., 10¢  
PEACH BLOSSOM—PINK.....Pkt., 10¢  
MIXED—All colors of the Improved Large  
Flowering.....Pkt., 10¢; 1/4 oz., 30¢

## ZINNIA

Our strain of this magnificent large-flowered type is unsurpassed. The blooms are of immense size when well grown, averaging 4 to 6 inches in diameter.

UNUSUALLY FINE SEPARATE COLORS:  
CRIMSON MONARCH—CRIMSON SCARLET  
EXQUISITE—REDDISH ROSE  
GOLDEN STATE—YELLOW SHADED  
ORANGE  
SCARLET FLAME—ORANGE SCARLET  
DREAM—LAVENDER SHADING PURPLE  
POLAR BEAR—PURE WHITE  
ORIOLE—ORANGE SHADED GOLD

Above named varieties.....Pkt., 20¢  
1/16 oz., 35¢; 1/8 oz., 50¢ 1/4 oz., 85¢

DAHLIA FLOWERED MIXTURE  
Pkt., 15¢; 1/4 oz., 45¢; 1/2 oz., 75¢; oz., \$1.25





The Year 1931 Will Bring "A Newer and More Successful Gardening Era"

## State Nursery and Seed Co.

Helena

Montana

### OFFER YOU

Their Forty-one Years of Experience in the Northwest to Safeguard Your Purchases. Our Selection of Stock is of the Utmost Quality and Adaptable to Conditions Found in Montana and the Northwest.

Times and styles in gardening have changed. The outdoor living room has been added to the home, supplementing the once unsightly back yard, vegetable plots are being scientifically planned and flowers are being cleverly massed and blended to portray the utmost of their colorful beauty.

Periods of depression have come and gone and our mighty Northwest as well as the rest of the country has pushed on, in its progressive path, with shoulders high and with an undaunted and wonderful spirit.

We maintain a vast seed testing and trial grounds, on which all varieties of flower, vegetable and field seeds are grown, records made of their growth and carefully checked, this, with our forty-one years experience in the Northwest puts us in a position to know and thus we handle the most adaptable Nursery Stock, garden and field seeds.

The State Nursery and Seed Co. presents you this book of gardening that you, our friends and customers, may benefit by obtaining and utilizing the PEERLESS merchandise listed and described herein.

"OVER FORTY YEARS IN THE NORTHWEST"  
"PROGRESSING WITH THE NORTHWEST"



41 Years Ago



Our Greenhouses of Today

# SPRING 1931--FORTY-FIRST YEAR

*This Issue Cancels All Previous Issues*

## Suggestions to Our Customers in Ordering from this Catalog

**HOW TO SHIP**—Write your name, postoffice, state and nearest express station plainly, give complete directions as to nearest express station, postoffice or freight depot, where none are given, we route goods at buyers risk.

**USE ORDER SHEET**—The use of the order sheets enclosed in this catalog are a great help to us in filling and shipping orders. Instructions for use are on the sheets. More will be sent on receipt of a postal card asking for same. Flower and Vegetable Seed Orders should plainly state quantity before the name of the variety. Plant orders should give quantity, variety and price. Do not write letters on order sheet.

**WHEN ORDERING**—Be sure to state distinctly quantities wanted: such as packet, ounce, one-quarter pound, one pound, etc., with price. By so doing, mistakes can be avoided and orders will be executed promptly.

**KEEP A COPY OF YOUR ORDER** and mark off goods as received. Sometimes items may be sold out or will follow later, in which case a slip is enclosed with other goods, or notice sent.

**ORDERS ARE PROMPTLY FILLED** and as far as practicable in rotation. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. If you do not hear from an order sent us within a reasonable time, send us a duplicate of it giving date of order, amount of same, form of remittance, and your full name and address. If you will, in case of what appears to you to be an unreasonable delay, give us these items of information in your letter, it will aid us greatly and save valuable time in the rush season in tracing the order.

**ALWAYS, IF POSSIBLE**, when writing in reference to an order, give the number of the order referred to.

**OUR TERMS**—Personal Checks, Drafts, Postoffice or Express Money Orders can be sent in payment of orders, or stamps for small amounts. If there is no Railroad Agent at your station, freight or express charges should be included.

**PARCEL POST**—Most plants can be sent by parcel post, also the smaller trees and shrubs. We cannot, however, be held responsible after delivery to the postoffice or express company. If plants are desired sent by parcel post in pots, extra cost must be allowed by purchaser for packing and postage. **TABLE OF POSTAGE RATES GIVEN IN BACK OF BOOK ARE FOR SHIPMENTS WITHIN THE U. S. A. ONLY.**

**MISTAKES**—These will happen in spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. We do not want you to "keep Quiet" if everything is not received as ordered, but please be **SURE TO COMPARE THE GOODS RECEIVED WITH A COPY OF YOUR ORDER.** WE FREQUENTLY FIND ON LOOKING UP THE ORIGINAL ORDER THAT THE ITEMS COMPLAINED OF AS "MISSING" WERE NEVER ORDERED.



A View in Our Trial Grounds

**IN COMMON WITH ALL AMERICAN SEED HOUSES, WE DO NOT WARRANT**, in any way, expressed or implied, the contents or the description, quality, productiveness or any matter of any seeds, bulbs, plants, shrubs or trees sold by us, and will not in any way, be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we sell at the moderate prices herein quoted.

### CATALOGS ISSUED

**JANUARY**—Our complete general catalog, covering everything for the farm and garden—profusely illustrated. (This one.)

**VALENTINES DAY**—A folder listing seasonable flowers for this lovely occasion.

**EASTER**—A special flower and plant list, of plants and cut flowers for Easter decorations and remembrances to friends.

**MOTHERS' DAY**—The second Sunday in May. A special list of cut flowers—issued about May 1st.

**DECORATION DAY**—A special list of cut flowers—wreaths—plants, etc., for this National Memorial Day.

**FALL—SEPTEMBER**—A catalog of Dutch, French and other bulbs, for fall planting and winter plants for the house.

**THANKSGIVING DAY**—A special list of cut flowers, plants, etc., for this great National Holiday.

**CHRISTMAS**—A special list of plants, cut flowers, evergreens, suitable for Xmas decorations, and remembrances of this joyful occasion to your friends.

**POULTRY AND DAIRY FEED PRICE LIST**—with remedies and supplies, issued four times a year. If interested we will mail these as issued, to you.

A postcard will bring you any of these in its season.

### FREE PAMPHLETS AND FOLDERS FOR YOUR INFORMATION

We issue a large list of pamphlets and folders on various plant subjects including Perennials, Annuals, House Plants, Lawns, Fruits, Insecticides, Farm Crops, etc. We will gladly mail this information on any subject that you may be interested in.



Another View in Our Trial Grounds

STATE NURSERY AND SEED CO., Helena, Montana



# PLANTS FOR THE HOME AND FOR BEDDING

## PLANT TYPES

Our long experience of dealing with plant life in the Northwest has enabled us to select for you, types of plants that will thrive under conditions found in Montana and the Northwest.

## HOW WE SELECT AND FILL YOUR ORDER

We use every care and precaution to select only plants that are in the best of condition and to pack them so that they are certain to arrive safely at their destination. Our various growing ranges, Nursery plots and packing sheds, are in charge of experts in their lines and our friends and customers may be assured that every effort will be made to make their dealings with us both pleasant and satisfactory. The sizes named in plants, such as 3 inch and 4 inch, etc., refers to the size of the pot in which the plant is growing at the time. Plants are generally taken from their earthen pots and packed in paper pots for shipment.

## OUR GUARANTEE ON POTTED PLANTS

All shipments of plants from this department are guaranteed to reach their destination in good condition. Our customers should advise us if delivery is not made within a short time after our notification card of shipment has reached you. Examine all plants carefully upon arrival and report immediately any that are damaged or in poor condition. After safe delivery in good condition we do not assume responsibility for future growth or failure.

### ABUTILON—Flowering Maple

Popular house plants, flowering profusely during the winter and early spring months. Flowers are deep bell-shaped and of various colors as listed below.

**Splendens**—A handsome rose color.

**Pink Beauty**—Pale pink.

**Savitzi**—A variegated foliage.

**Golden Fleece**—Pure yellow.

**Crusader**—A brilliant red.

Each—3-inch, 35c; 4-inch, 45c.

### AGERATUM—Originally a Mexican Flower

An excellent potted plant and fine for bedding, having large clusters of beautiful blue flowers. Each, 20c.



Ageratum

### ALOYSIA (LIPPIA) CITRIODORA

**Lemon Verbena**—An old favorite and should be in every garden. Lemon scented foliage. Each, 30c and 40c.

### ALYSSUM

(Ready about May 1)

**Carpet of Snow**—A single Sweet Alyssum, of great value for borders and small beds.

**Alyssum, Double**—An excellent variety for borders, window boxes, and urns.

Each, 10c; doz., \$1.00.

### ANTHURIUM ANDREANUM

The very peculiar flowers of this choice house plant never fail to attract attention. Price, from 4-inch pots, \$2.00 each.

### ANTIRRHINUM—Snapdragon

(Ready April to July)



A Bench of Snapdragons in Our Greenhouse

The Snapdragon is well adapted for beds or borders and the flower spikes are fine for cutting. They are superb during the cool early days of summer and during the late fall. They can be depended on to give a display of bloom from July until frost. They may be grown from seed, but it is much more satisfactory to get plants that are already started.

Pot plants, ready to bloom, furnished in fiery red, rose pink, light pink, orange, scarlet, yellow and white.

Each, 25c; doz., \$2.50.

Transplanted seedlings, mixed selection of the above colors, fine for bedding.

Per doz., 75c.

### AMARYLLIS—Hybrids

These plants produce blossoms which are wonderfully varied and of brilliant colorings. There is a growing demand for the new types and their easy culture is aiding their popularity.

Strong bulbs or plants, each, \$1.25.



Amaryllis

### ASPIDISTRA

**Aspidistra Lurida**—One of the easiest decorative plants to grow. A most useful house plant having large green leaves and thriving in a hall-way or a comparatively dark place in the room where nothing else will succeed. Each, \$1.25.

**Aspidistra Lurida Variegata**—Similar to the preceding variety but with beautifully striped leaves of white and green. Each, \$1.25.

USE THE INDEX IN THE BACK OF YEARBOOK FOR PLANTS OFTEN TIMES OVERLOOKED



**ASPARAGUS PLUMOSUS—Asparagus Fern**

Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant. We grow these in large quantities. The smaller plants listed are the right size for table dishes, while the larger are suitable for jardinières, etc.

A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make a pretty decoration for the table.

Each, from 3 inch pots, 25c; 4 inch pots, 50c; 5 inch pots, \$1.00.



Asparagus Plumosus

**ASPARAGUS SPRENGERI**

(Emerald Feather)

Of great value for hanging baskets and for cutting. One of the best plants for window-boxes when planted outside where it can droop down over the edge of the box.

Of very easy culture. Requires only good soil and plentiful watering. When planted inside it should be in a well lighted position.

Prices: 3 inch, 25c; 4 inch, 50c; 5 inch, \$1.00.



Asparagus Sprengerii

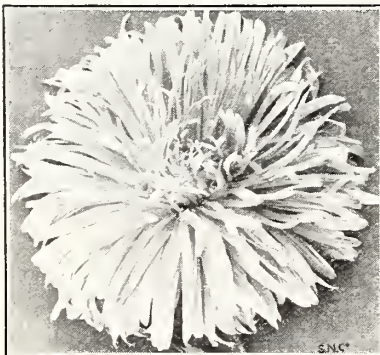
**ASTERS**

(Ready in May)

Our strains of Asters are unsurpassed by any and are prize-winners wherever exhibited. While the early varieties may be grown successfully from seed it has been found to be much more satisfactory to use plants that have been started inside.

Care should be taken in setting out the young plants as the roots are tender and easily broken.

We offer sturdy transplanted plants of the early, mid-season and late-branching varieties. Colors, Pink, Shell-pink, Red, White, Lavender, and Purple. Per doz., 60c.



Aster

**POT GROWN ASTER PLANTS**

In addition to the plants listed above we are again featuring pot grown stock in the same colors. These plants will be of sturdy growth and will produce earlier flowers, a distinct advantage in districts subject to early frost. Per doz., \$1.25.

**BABY TEARS**

Dwarf growing plant with a clustering, trailing habit. Foliage small and compact. Ideal for fern dishes. Each, 25c.

**BEGONIAS**

Begonia—Rex

**BEGONIA—REX—or Painted Leaf Begonia**

The REX or Painted Leaf Begonias, as they are also known, are a group of the handsomest and most showy house plants that can be grown. Their wonderfully colored foliage never fails to awaken admiration, and they are of easy house culture. The varieties listed below are selected from the finest sorts known.

**Bertha McGregor**—Finely cut foliage, deep green leaves with bold silver zone around edge, deep red reversed.

**Vesandii**—Very showy variety, thick velvety foliage, beautifully marked with bright green and silver with crimson stems.

**Mrs. A. G. Shepard**—Silver leaves marked with other pretty shades.

**Walter Lamb**—Rich green and silvery white.

**Louis Closson**—A beautiful bronze.

**Magnifica or King of the Rex**—An immense leaf of olivaceous black with indistinct varying tone made by an overcasting of gnaphallium green.

**L'Eufent De Nancy**—The same as magnifica leaves, somewhat lighter in ground color and of a silvery white tone.

**Clementine**—Maple leaf, palmate, center of light brown spotted with light silver.

Each, 50c and 65c.

**BEGONIA—Everblooming Type**

This type of Begonia produces the greatest profusion of bloom of any in its family. They are of easy culture and make fine house plants.



Everblooming Begonia

Any of the above varieties, each, 30c, 40c and 60c.

**Fire Sea**—An exceedingly floriferous variety, with very large dark fiery red flowers, almost covering the plant. The foliage is of a reddish green tint. Of sturdy bushy habit.

**Chatelaine Hybrids**—Very similar to the well known Chatelaine, with very large flowers of a brilliant rose color.

**Albert Martin**—A well known variety with bronze foliage.

**Pink Profusion**—A new introduction with slender growth, and small foliage of a light green tinted with brown. Flowers of medium size, borne in wonderful profusion, a single stem often bearing twenty-five blooms and buds, of a rich rose color.

**Prima Donna**—Another variety of late free flowering with rose colored blooms, shading to a carmine at the center.

WE PAY POSTAGE OR EXPRESS TO YOUR NEAREST POSTOFFICE OR EXPRESS STATION



**BEGONIAS—Everblooming—Continued**

**Lucerne**—One of the finest begonias known. Foliage bronze, crimson reversed. Has immense trusses of salmon colored blossoms.

**Wellingtoniensis**—An old variety, which is again becoming in great demand, with beautiful dark green foliage, and pink flowers. A continuous bloomer, of very bushy habit of growth.

**Sandersonii**—Scarlet, a winter bloomer.

**Argenta—Guttata**—Brilliant bronze green foliage spotted with white with white flowers.

**Thurstonii**—A great favorite with red veined foliage on under side of leaves. Flowers a bright shell pink.

**Rubra**—Deep coral pink flowers, foliage green.

Any of the above varieties, each, 30c, 40c and 60c.

**BEGONIAS—Tuberous Rooted**

Our house of Tuberous rooted Begonias has created quite a sensation each year during the summer season when the plants are in full bloom. With their giant and somewhat delicate blossoms ranging in colors of red, pink, white, yellow, orange and salmon, they are indeed an ideal house plant, very showy and easy to grow and care for. We offer the tubers at 25c each.

**CANNAS**

No other bedding plant is as showy as the Canna. It is very easily grown and attains large size in ordinary soil. For best results obtain started plants from the greenhouse, and set out when all danger from frost is past, thus gaining additional time for their growth. Our method of growing these semi-tropical plants and the satisfactory results we have had has greatly increased the demand during the last few years. Set the plants about 18 inches apart in a sunny location and supply with plenty of water and well rotted manure. Take them up immediately after frost kills back the tops and treat as you would Dahlia tubers.



Bed of Cannas

**Ambassador**—Bronze foliage—color poppy red. Flowers brilliant and borne in immense trusses on strong stalks well above the foliage.

**Nokomis**—Large, vivid crimson flowers with a rich silky sheen on the petals. Bronze foliage.

**Mrs. Pierre S. Du Pont**—This new canna surpasses all other pink varieties. Color a vivid watermelon pink which is exceedingly rich and attractive. Although the single flowers are very large and form immense heads each petal is so firm that the blooms always open perfectly and do not wilt in the hot summer sun. The wavy or crinkled edge on the petal is a new departure in cannas.

**The President**—A rich scarlet flower with green foliage. One of the best reds yet introduced.

**Duke of Marlborough**—Green foliage, flowers a bright crimson maroon.

**King Humbert**—The best of the bronze leafed type—with scarlet flowers and beautiful rich bronze foliage.

**Yellow King Humbert**—Flowers a golden yellow spotted with red and green foliage.

**PRICE**—Fine large, 4 inch potted plants, each, 40c; doz., \$3.50.

**CAMPANULA ISOPHILA—Star of Bethlehem**

Beautiful star-shaped white flowering plants of a trailing habit. Blossoms all summer when the plant is practically covered with blooms. Fine for hanging baskets, vases, etc. Each, 25c and 50c.

**CAREX JAPONICA**

A very colorful grasslike plant of bushy growth having narrow and rather thick leaves which are dark green with a fine white border. Very suitable for fern dishes and for decorative purposes. Each, 3 inch, 50c.

REMEMBER AFTER THE CANNAS OPEN THEY BLOOM CONTINUOUSLY UNTIL FROST

**CARNATIONS**

Carnation—Senator

One of the most highly regarded and generally admired flowers of all is the carnation. Its sturdy keeping qualities, its fragrance and fashionable beauty make it the most elite and economic of flowers. To meet our steadily increasing demand, we have devoted an entire range, consisting of fourteen houses each 250 feet long in which to grow our gigantic stock of 50,000 plants. We have listed the varieties which are leaders in the carnation world, and young plants of the following varieties can be supplied from March 15th to July 15th.

**SPECIAL OFFERINGS**

**Senator**—One of the newest of the new varieties. A very prolific bloomer bearing large glistening white flowers which are exceedingly fragrant.

**Laddie**—A variety of extreme size, 3½ to 4½ inches in diameter. Color, a beautifully warm salmon pink. Has long, strong stems. The Carnation "De Luxe."

**Pink Profusion**—A new beautiful deep pink, rapidly becoming a favorite.

Price of above varieties, each, 35c; 3 for 90c.

**STANDARD VARIETIES**

**Arctic**—A glistening white—large flowered and sweet scented.

**Betty Lou**—A very attractive deep pink of fine size and form.

**Spectrum**—One of the very best reds on the market, having large well shaped blossoms on long stems.

**Hilda**—The most wonderful pink carnation of a decade. Awarded certificate of merit at the recent American Carnation Society's show. It is an exquisite pink with slight variegation, is a very free bloomer, blossoms are practically 100 per cent perfect, and it does not lose its color in the summer months.

**Harvester**—An ideal white, very floriferous and of excellent substance.

**Matchless**—A large pure white long stemmed and a free bloomer. The petals are attractively fringed and the perfume delightful.

**Belle Washburn**—A red of extreme brilliance.

**Peerless Pink**—A very deep pink, flowers large and well shaped. Free bloomer.

**Mrs. C. W. Ward**—A very attractive deep pink of fine size and form. Free bloomer and strongly scented.

**Mrs. C. W. Ward—(Variegated)**—Another variegated variety, attractively blotched and striped with a deep pink on white ground.

**Superb**—One of the very best salmon pinks. Very large and free flowering.

The varieties listed above—each, 25c.

Any twelve of the above varieties, \$2.50.

**CENTAUREA (GYMNOCARPA)—Dusty Miller**

One of the white-leaved Centaureas. Fine for bedding, for vases, hanging baskets and pots also used extensively for borders. Makes an exceptionally fine edging to a bed of dark leaved Cannas. Each, 25c; dozen, \$2.50.



**CALCEOLARIA**

A Specimen of Our Calceolaria

The Calceolaria, more commonly known as the "Fisherman's Basket," is rapidly becoming one of the most popular plants for Mothers' Day on the market. With its multitude of vari-colored velvety like flowers it makes a most acceptable present. The season of the Calceolaria extends from early spring until early summer, though the plants are at their best in May.

In full bloom, each depending on size, \$1.50 to \$3.00.

**CHRYSANTHEMUMS**

THE CHRYSANTHEMUM is without doubt, the queen of Autumn flowers. Their large blossoms of every character and form attract the attention of all who are interested in flowers. Owing to the early frosts of this section, it is impractical to grow these most beautiful of all fall plants to maturity in the open ground. They can however be successfully grown in the garden until September when they should be lifted and potted. Then in the house they will give a wealth of blooms and beauty that will more than repay for the slight trouble entailed.

**LARGE FLOWERING VARIETIES**

**Betsy Ross**—A grand, early mid-season white, one of the finest yet introduced.

**Golden Mistletoe**—A beautiful mum with the incurve a deep golden yellow.

**Gladys Pearson**—A prolific bloomer, upper surface of petals apricot, underside a distinct buff.

**Adrius Pride**—A beautiful light golden yellow.



Chrysanthemums—Queen of Fall Flowers

**Tiger**—A yellow of unusually fine color. The variety was named by President Wilson.

**Chieftain**—A large incurved pink. A handsome flower.

**Pink Mistletoe**—A beautiful late pink.

**Maj. Bonaffon**—A beautiful incurved glossy yellow. One of the best.

**White Chieftain**—Large incurved white. November.

**Chrysolora**—A large incurved yellow; strong and robust.

**Chas. Rager**—A fine large white, splendid stem and foliage.

**Pattie**—A very delicate pleasing shade of pink.

**Siedewitz**—Another favorite with the commercial grower; large pink.

**ANEMONE FLOWERED CHRYSANTHEMUMS**

The Anemones are quite distinct and very useful when cut in sprays for floral decoration. They are extravagant bloomers with flowers clustered, averaging 3 to 3½ inches across.

**Godfrey's Perfection**—White. A beauty in every respect.

Prices for Chrysanthemums—Plants ready March to July only; Each, 20c; doz., \$1.75.

**CHRYSANTHEMUMS—Continued****POMPON CHRYSANTHEMUMS**

The flowers vary in size from ½ to 2 inches in diameter, small petaled, very compact and formal. They are usually in clusters so that when cut, one spray forms a bouquet in itself. Very dainty for table decoration. Pompons make ideal house plants. Colors, Pink, White, Yellow, Bronze and Henna.

**New York**—Yellow tinge, with a decided henna center.

**Golden Climax**—A very pleasing shade of bright yellow, medium size and height.

**Veta**—An early white, exhibits a yellow center when it first opens but becomes pure white when fully developed.

**Yuletide**—The latest and best white Pom Pon known at the present time. It's color is of the purest paper white.

**Mrs. Frank Ben**—The favorite of all the Pompons, color a reddish yellow.

**Lillian Doty**—Large Pink, a splendid sort.

**Butler's Caprice**—Rosy pink.

**Zora**—An early sparkling bright yellow.

**Unalga**—A late bloomer of intense yellow.

**Source d'Orr**—Orange, shaded gold.

**White Cap**—Pure white.

**Lizzie Adcock**—Deep yellow.

**FANCY SINGLE VARIETIES**

These fill a unique position in that they come between the larger standard varieties and the pompons.

**Mensa**—Purest white; a splendid variety.

**Golden Mensa**—New and proving popular.

**W. Buckingham**—A grand vigorous pink.

Prices for Chrysanthemums—Plants ready March to July only; Each, 20c; doz., \$1.75.



Single Chrysanthemums

**CINERARIA**

**Cineraria Hybrids Grandiflora**—Cinerarias are magnificent and truly beautiful plants with their rich colorings and delicate fragrance. Our strain is noted for its large flowers of exceptional beauty. The plants are of sturdy and bushy growth covered by massive flower heads in a variety of bright colors. Fine blossoming specimens, \$1.00, \$1.50 and \$2.00.



Cineraria

WHEN IN HELENA PLAN TO VISIT OUR GREEN HOUSES



## COLEUS



Coleus—Xmas Gem

**Christmas Gem**—A beautiful variety with red and maroon colored foliage and producing enormous leaves, often 5 to 7 inches in length. It attains its full beauty in winter—thus differing from other varieties.

**Trailing Queen**—A beautiful trailing variety, highly colored and very suitable for hanging baskets.

**Yellow Trailing Queen**—A beautiful variation from the general color predomination, distinct yellow venations and markings.

## COLEUS—Named Varieties

**Dazzling Gem**—Rose pink center, margin of chocolate green, dwarf compact grower, stocky pot plant variety.

**Lord Palmerston**—An excellent beautiful dark velvety maroon center with dark crimson ribs, commanding admiration.

**Queen Victoria**—Remarkably handsome, bright cardinal red with distinct bright golden border.

**Verschaffeltii**—The standard crimson bedding variety.

**Crimson King**—Strikingly handsome, velvet blood red, robust grower, splendid both as pot plant and bedder, does fine in winter boxes placed in sunny locations.

Each, 25c. One each of above five varieties, \$1.00.

## CUPHEA—Cigar Plant

This plant is covered with bright scarlet flowers and makes a very attractive house plant. They are especially useful for vases or basket decorations. Each, 25c.

## CYPERUS ALTERNIFOLIUS—Umbrella Plant

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water and may be grown as a semi-aquatic. A splendid plant for aquariums. Each, 25c and 50c.



Residence of M. Coffey, Choteau, Montana  
A pleasingly planted back yard

## CYCLAMEN



Cyclamen

Without doubt the Cyclamen, because of its clean growth, its picturesque appearance and its easy culture, has become the most treasured of winter blooming plants. We cannot emphasize too highly the qualities of these plants, for without exception they are the most satisfactory for general home conditions. We have some excellent specimens ranging in color from the purest white to white tipped with pink, through the various shades of pink to the reds, and even when the plants are through blossoming, they still have a pleasing effect due to the mottled character of the leaves. We can supply these plants from November 1st to March 1st, and for gift purposes they cannot be excelled. For the benefit of our patrons, we might say we have for years paid special attention to this class of plant, only selecting for seed purposes the finest in color and size of bloom and the most free flowering specimens. Nice blossoming specimens sent anywhere for \$1.25, \$2.00, \$2.50 and \$3.00. The larger sizes are better shipped by express wherever possible.

## DORMANT CYCLAMEN BULBS

We can supply the above from March to July 1st  
at 25c each

## CEREUS

**Nocturno-Greggii**—Often called "Queen of the Night." A very fine, very rare, night blooming cactus variety. The flower opens after sundown and closes before sunrise. It resembles a water lily somewhat and is a pure white in color, is of very delicate structure and emits a most delightful odor. We are offering 4 inch pot plants of this novelty that will bloom the same season and 3 inch plants that will bloom the following year. Water plants only once a week and expose them to full sunshine as much as possible. Price, each, 4 inch plants (blooming size), \$1.50; 3 inch plants, 75c.

Stanford, Montana.

State Nursery and Seed Co.  
Helena, Montana.

Dear Sirs:—I received the plants today all O. K. and they are beautiful and in good shape, thanks to you.

Yours truly,

MRS. A. E. MYRICK.

ONE OF OUR FINE CYCLAMEN WILL BRIGHTEN YOUR HOME IN WINTER



# MONTANA GROWN DAHLIAS GROW BETTER

We wish to emphasize that our stocks are all Montana Grown and are therefore adapted to our climatic conditions. Our list contains many of the newer favorites along with the select older varieties which are destined to be always popular. Our Dahlia collections have been chosen with care and our Patrons are assured of the highest satisfaction from the efforts of our Blue Blooded Stocks of these beautiful flowers.

## CULTURE

Dahlias are strong, vigorous growers and require rich soil with abundant supplies of water during dry weather. The beds should be in a fully exposed, sunny position, and should be well enriched with rotted manure dug deeply into the soil. After frost danger is past, plant the tubers about two feet apart in holes about four inches deep, laying the tubers flat in their sides. Cultivate regularly as soon as the plant is up, and as soon as buds appear mulch with well rotted manure.

## NOTE—GREEN PLANTS

In some varieties we may have exhausted our supply of tubers and in this case we reserve the right to send GREEN PLANTS from 4 inch pots. Although it is not generally known, Dahlias grown from cuttings in the spring, potted and planted out in June or July, flower earlier and just as freely as those grown from tubers. We might add, this is precisely what we do in our Dahlia gardens.

## OUR ARISTOCRAT SPECIALS

**Jersey's Beauty**—One of the finest of the pink sorts, having large perfect flowers of erosine pink, carried high above the foliage on long straight stiff stems. It is a wonderful keeper as a cut flower and an early and prolific bloomer. Under Montana conditions we consider this to be the perfect Dahlia. Price, each, 55c.

**Maude Adams**—An early and free blooming sort, white effectively overlaid delicate pink, undoubtedly one of the finest of the type. Price, each, 60c.

**Mrs. E. F. Smith**—This is a fine white shading to a greenish lemon tint in the center. A monster dahlia on a strong stem. Blooms freely and is a splendid exhibition variety. Price, each, \$1.00.

**Margaret E. Millis**—A wonderful bloomer on a good stem. Color is an amaranth pink combined with white in a streaked effect. Flowers are very deep and large with petals inclined to twist.

**Mrs. E. L. Lindsay**—Decorative. Scarlet and gold. The gorgeous coloring of the well-known "Geisha" reproduced in an enormous decorative type. The shading varies in different blooms, but the two colors are always in evidence. Good sized flowers and fine stems. Each, 75c.



**Charles Stratton**—Decorative. Undoubtedly one of the greatest dahlias ever originated; a prize winner wherever shown. It is known for its great size and artistic coloring. Color is pale gold, shaded and tipped with old rose. A tall grower and prolific bloomer. Blooms are somewhat fluffy and keep a long time when cut; long stiff stems. Each, \$1.65.

**Elite Glory**—Decorative. Immense flowers brilliant rich red without any purple or maroon shading. Blooms and foliage gigantic in size. This dahlia is regarded as a "freak" in the dahlia world and cannot be surpassed for effect for either exhibition or garden purposes. Each, \$3.25.

**Jersey's Radiant**—An exceptionally appropriate name, color is a hittersweet orange, flowers are held on large stiff stems, well above the foliage. Price, each, \$1.00.

**Jersey's Beacon**—Decorative. This dahlia has become a universal favorite. Some splendid blooms of this variety have been shown the past season. As an exhibition flower it has few equals in its color, but as a garden variety it is even more spectacular. The color is Chinese scarlet, with a paler reverse, giving it a two-toned effect. The flowers are large and globular in shape. Each \$1.85.

**Jersey's Empress**—Decorative. Anthracene violet. The flowers, which are very large, have a pleasing formation. The petals are narrow and wavy. The flowers have great depth and good substance and have no tendency to burn or fade in the sun. Stiff, good stems which hold the flowers well up above the foliage. Each, \$1.30.

**Hereules**—A dahlia of enormous size. Color is a tangerine and deep yellow. The reverse of the petals is shaded tangerine and they are so placed so that they blend in a most attractive way with the deep yellow of the flower. Each, \$1.25.

**Mrs. J. T. Scheepers**—Upon opening the flowers are a clear canary yellow which gradually change to a beautiful shade of pink suffusion on the outer petals, a beauty. Plants, each, 75c.

**Trentonian**—Large perfect Decorative. The color is in bronze tones (Indian's skin color). A flower of marvelous brilliancy, splendid grower and free bloomer. One of the most talked of Dahlias in the "Largest Class." Plants, each, \$1.25.

## OUR GARDEN-FULL COLLECTION

We offer you twenty different varieties of Dahlias all of high class stock and carefully selected at

# \$5.00

On this collection only add 50c for Postage.

## DAHLIAS NOT CATALOGED

We have a large list of Dahlias being tested in our fields before cataloging. Should you have a variety in mind which is not listed we shall esteem it a favor if you will write us regarding it, as we may be able to supply it and quote prices.

## OUR UP TO DATE COLLECTION

**Bonnie Brae**—One of the finest decorative types and of intense size. Flowers are a cream shaded blush pink. An exceptionally good exhibition variety. Each, 75c.

**Ellenor Vanderveer**—One of the most admired dahlias, color lavender pink, flowers large size, and long stiff stems. Good bloomer and keeps well when cut, Decorative Dahlia. Each, 70c.

**Mrs. Carl Salbach**—A mauve pink, with occasional blendings of white, flowers are borne on long stiff stems and cut immensely well, good cut flower for house decoration also for show and exhibition. Decorative Dahlia. Each, 95c.

**Cambria**—A very fine all around decorative dahlia, massive, full of large flowers held erect on long stiff stems, flowers have broad petals of rich rose pink, lighter towards the center. Each, \$1.00.

**Winfield Slocombe**—A fine decorative type of golden buff yellow in color, having a very good stem, making a very good cut and exhibition flower. Price, each, \$1.00.

**Barbara Redfern**—A free blooming decorative dahlia of great size and depth, with the color a beautiful shading of old rose and old gold. The large blooms are held on strong, stiff stems and a tall vigorous bush, keeps well when cut, and is a good exhibition flower. Each, \$2.25.

**Pride of California**—Without doubt the best of the red decoratives. A vigorous grower and a very free bloomer. The large deep crimson red flowers are borne high above the foliage. The stems are rigid and long and the flowers keep exceptionally well when cut. Each, 50c.

Collection of the above seven new varieties \$6.50



## (Aristocrat Specials Continued)

**Jessie K. Prescott**—Decorative. Nature is so lavish in her use of colors in many of the new dahlias it is impossible to give some of them justice in descriptions. This decorative is one of them. The color is a deep orange at the center, gradually shading to a creamy orange on the rows of outer petals. The formation is unusual as the long narrow petals have an inclination to roll backward. The tall bushes are branching and productive of masses of splendid flowers with exceptionally long good stems. Each, \$1.00.

**Miss Atlantic City**—H. Decorative. Very artistic, with long tapered petals which curve back toward the stem. Color, lilac rose, suffused reddish golden bronze. Fine tall grower; prolific bloomer, early until frost. Best stems. Each, \$1.40.

**Miss Bridgeton**—Decorative. Deep pink enormous flower, with a suffusion of violet. Vigorous grower; long stiff stem. Has been awarded many prizes. This dahlia should be grown in every garden. One of the best for general use. Each, \$1.75.

**Rose Fallon**—Decorative. Most wonderful flower of enormous size, held erect on straight long strong stems. The magnificent bloom is a beautiful color of deep old gold of the finest type. It is without question one of the finest varieties for a dahlia collection. Each, \$2.50.

**Margaret Masson**—Decorative. This dahlia is getting more popular every year. Color, a beautiful silvery rose-pink. Flowers of great depth and size held erect on the best of long stiff stems. Wonderful exhibition variety. Classified as one of the "Five best dahlias on the market." Each, \$2.25.

**Margaret Woodrow Wilson**—Decorative. This variety is an exhibition type of large size and great beauty. Color is opalescent pink. Face of petals creamy white; reverse, phlox-pink. Strong upright stems and dark green foliage. Medium height. Each, \$2.75.

## OUR NORTHWESTERN GEMS



Ballet Girl

**Ballet Girl**—Very large cactus with long, very finely quilled petals. Color, orange, tipped white; some flowers solid orange on some plants. Each, 60c.

**W. H. Slocombe**—(Decorative)—A fine large flower of a beautiful canary yellow toward the center. A very free and continuous bloomer, with flowers carried well above the foliage—should be in every collection. Each, 50c.

**Bashful Giant**—(Decorative)—A gigantic bloom where size is one of the requisites for exhibition. Also of great merit for its beautiful colorings—being apricot with golden shadings—flowers produced on good stout stems. Each, 70c.

**Beatrice Slocombe**—(Decorative)—A very well built flower of large size. It is an early, continuous and abundant bloomer which makes an ideal garden variety and is highly recommended. The combination of color is very attractive being a very rich carmine red, blending to old gold and yellow, each petal tipped with gold, making it a most unique and attractive color combination and one that is sure to please. Each, 65c.

**Elizabeth Slocombe**—Decorative—The largest and very best of its color. Its gigantic flowers are produced on exceptionally long stems as stiff as canes, making it a much desired exhibition variety, and equally desirable for cutting. Very vigorous in growth. In color a rich, brilliant purplish garnet in opening, and as the flower matures it fades to an exquisite shade of garnet. Unsurpassed for garden purposes. Each, 50c.

**J. L. Childs**—(Decorative)—Picture a yellow, heavily suffused blossom splashed and striped with brilliant deep scarlet, and generally tipped white—and you have this very attractive variety. A flower of immense size produced on long stiff stems. Most desirable for exhibition purposes. Each, 55c.

One each of above six Varieties—all for \$3.10

Musselshell, Montana, October 27, 1930.

State Nursery and Seed Co.  
Helena, Montana.

Gentlemen:—Just a line to thank you for the nice plants you sent me. I received them yesterday and they are the best I ever received from anywhere. They were packed so good and all were in splendid shape when I got them. Now I am sending to you for more and I hope they will be as good. Also the Bird seed was just fine, so clean and nice. I wish to thank you also for the little folder telling me how to care for my house plants.

Very truly yours,

MRS. JOE BOSEN.

## SHOW AND DECORATIVE TYPES

**Millionaire**—Gold medal decorative dahlia of the daintiest coloring—most delicate lavender with a faint pink cast over-shadowing it. The immense flower of unusual depth, stands erect on its stems. One of the very largest dahlias grown. Each, 75c.



Pride of California

**Judge Marean**—Decorative, very large flower of perfect type and difficult to describe, produced on strong stiff stems, a blending of glowing salmon pink, red, iridescent orange, yellow, and pure gold. One of the most beautiful dahlias ever created and should be in every garden. Each, 85c.

**Mrs. I. De Ver Warner**—Decorative. A blossom of soft orchid coloring seldom appearing in the dahlia family. For its charming color, large blossoms and for its very long strong wiry stems this variety immediately attracts attention wherever grown or exhibited. Acknowledged by dahlia experts to be one of the finest dahlias ever produced. Very free bloomer. Each, 70c.

**Paul Michael or California Gold**—A pure gold or deep orange buff colored decorative of immense size, some blooms averaging 11½ inches in diameter. Very profuse bloomer and fine for exhibition or garden. Won certificate of highest award in California dahlia trials. Each, 65c.

**The Grizzly**—Decorative. The richest deep velvety maroon dahlia yet produced. Very vigorous grower and the very large stately blooms are held high above the foliage on extra stout stems. Every grower should have this aristocrat of dahlias. Each, 55c.

**Polar Bear**—(Decorative)—Pure white, the waxy flowers of great size and perfect form, borne very freely on good long stems; long lasting quality, either on the plant or in water. We call this the finest white Dahlia for practical cutting, we have ever offered. Each, 65c.

**Elsie Burgess**—One of the very best. Free flowering, producing great masses of blooms on stiff stems. Color, delicate white tipped with lavender. Each, 40c.

**Le Grand Manitou**—A gigantic flower of white, striped and splashed with reddish violet. The largest decorative Dahlia. Each, 35c.

**Lucy Fawcett (Fancy Show)**—Large, full, heavy, with well-opened quills. Pale straw color, indefinitely dusted and splashed with tender rose to carmine. Not a new variety, but one of the most persistent of the fancy sorts. Each, 40c.

**Purple Manitou**—A very fine well-shaped flower with good stems and an excellent bloomer. Each, 50c.

**Queen Mary**—Soft rose pink with a silvery sheen. One of the best for cut flowers, with long stems. Each, 40c.

**Stradella**—Rich deep purple crimson. Very free flowering with long stems. Each, 30c.

**Delice**—A warm tone of lilaceous pink overlaid on white, the full center shaded a deeper hue and each petal point just niched with silver. Each, 40c.

**A. D. Livoni**—Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends. New kinds come and old kinds go, but Livoni can never be spared from a Dahlia list selected for popular cut flowers. Each, 40c.

## TWO DAHLIAS THAT SHOULD BE IN EVERY GARDEN

**Mina Bungle**—Rich, luminous dark scarlet, strongly upheld. Unusually free and continuous bloomer. Claimed by many catalogers to be their best red dahlia. Each, 35c.

**Jack Rose**—A fine dark red. Very free bloomer and good for cut flowers. Each, 35c.

Collection of one of each of the above 16 varieties, for \$7.00.



Mrs. Carl Salbach

SEE PAGE 8 FOR OUR  
COLLECTION OF 20 NAMED  
DAHLIAS



### CACTUS DAHLIAS

These are of a lighter formation and much used for cut flowers. The peculiar open formation of the Cactus Dahlia lend themselves wonderfully well to combinations, when used as cut flowers.



**Attraction (Hybrid Cactus)**—Entirely distinct. Immense, formal flowers with broad petals coming abruptly to a point, color a beautiful lilac-mauve. Stems are very heavy, and the flowers held rigidly upright. Although of delicate color, this is one of the most striking varieties we grow; popular with both men and women. Each, 75c.

**Countess of Lonsdale**—A very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color exquisite blending of amber and salmon-pink. Each, 45c.

**Attraction—Cactus Type**

**Ballet Girl**—Very large cactus with long very finely quilled petals. Color, orange, tipped white; some flowers solid orange on some plants. Each, 60c.

**George Walters**—Cactus. A wonderful hybrid cactus dahlia, gigantic in size and one of the finest on the market. Its flower is a beautiful shade of salmon-pink artistically blending to old gold, a strong sturdy grower of fine form and substance, desirable either for exhibition, garden or cut flower purposes. Each, 60c.



Le Grand Manitou—See Page 9



### POM POM DAHLIAS

The Pom Pom Dahlias are small flowered Dahlias, usually of the Show Type of flower, and are exceedingly floriferous. They are generally borne on long strong stems, and are splendid subjects for cut flower purposes, lending themselves admirably to almost any arrangement. Every flower lover who wants cut flowers should have some of these in their garden collection.

**Bobby**—Plum color. One of the best. Each, 40c.

**Snow Clad**—A small pure white of great beauty. Each, 40c.

**Golden Gem**—Bright Yellow. Each, 35c.

**Little Jennie**—Primrose yellow. Each, 45c.

**Challenge**—Red and white. Each, 45c.

**Fascination**—Pink and lavender blotched with white. Each, 45c.

### DAHLIA SEED

Dahlias are more frequently raised from tubers than from seed. Yet it is very interesting to grow them from seedlings for there is always the chance of getting something novel and distinct among them. Start the seed indoors in pots or boxes during March or early April and set out after all danger of frost is past. Seeds may be sown outdoors in May. Watch carefully for slugs and small snails as these will ruin hundreds in a single night.



Decorative Dahlia—Ellinor Vanderveer—See Page 8

If you are contemplating starting a Dahlia garden we shall appreciate your putting confidence in our Mr. Eger, who will select suitable varieties true to name and give you a collection of which you will be proud and which will be a credit to ourselves. Just state the amount you wish to spend and we will do the rest.



**DECORATED JAPANESE TUBS**

We make a specialty of Decorative Japanese Tubs filled with a combination of suitable plants and vines which aid materially in decorating garden, porch, and walk. These tubs are also suitable for cemetery use. Filled to suit your particular taste from \$5.00 to \$7.50. Express extra.

**EMPTY JAPANESE TUBS**

We can supply these tubs at \$1.50 each



Section of one of our houses filled with Japanese Tubs made up for Memorial Day last year. Each year their popularity increases

**DRACENAS**

**Indivisa**—This variety is used extensively as a center plant for vases, porch and window boxes, etc. It stands full exposure in the sun and its long, narrow, graceful green foliage contrasts beautifully with other plants. Each, 65c and \$1.25.

**Wolsley**—One of the very finest highly colored varieties, having deep bronze and red broad foliage. An ideal house plant especially useful for winter decorations. Each, \$2.00.

**Terminalis**—Ribbon like leaves of richest shades and colors. Enjoys the sun and excellent for baskets, vases and boxes. Each, \$2.00.

**BELLIS PERENNIS—English Daisy**

English Daisy

Like Pansies, the Daisies for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st. Dozen, 75c.

See our Lily  
Pool Collection  
of Goldfish  
and Turtles

**FERNS**

We devote two entire houses to the growing of ferns, the most popular house plants in cultivation and have at all times a good stock of the very best growing varieties. Ferns are indispensable in almost any scheme of plant decorations for house, window or conservatory. Either alone or scattered among other plants and flowers they work wonders in giving the house interior a refreshing, cheerful appearance. We make a specialty of these plants in suitable gift sizes and annually send out thousands to our patrons. If you are planning on a fern for a friend just tell us the amount you wish to spend and you can rely on our sending a plant that will be a joy to them and a credit to ourselves.

**FERNS—Continued**

Boston Fern

**The New Colorado Boston Fern**—This new creation originated in Denver, Colorado and is rapidly mounting to fame throughout the country and is receiving the highest awards wherever exhibited. Price, each, 4 inch pots only, \$2.00.

**Nephrolepis Bostoniansis—(Boston Fern)**—This is the general favorite with all lovers of house Ferns. More plants of this have been sold than of any other one variety, and the demand is still increasing. To meet the constant demand for plants suitable for presentation to friends, we have a "SPECIAL" in this type.

**Prices of the above Ferns:** 3 inch pot, 35c; 4 inch pot, 75c; 5 inch pot, \$1.50; 6 inch pot, \$2.00.

In addition to the above we have some exceptional plants suitable for gift purposes at \$2.50, \$5.00 and \$7.50.

**FANCY BOSTONS**

Nephrolepis Elegantissima

**Nephrolepis Elegantissima (The Tarrytown)**—One of the family of fancy Bostons. Grows very compact with fronds wider at the base than the regular Bostons and of a more fluffy character.

**Nephrolepis Whitmanii—(Ostrich Plume Fern)**—Unquestionably a valuable Fern of its type. They are graceful beyond description, feathery, plummy and nothing describes them better than Ostrich Plume.

**Nephrolepis Norwood**—A new plumed type, very handsome, of a compact and symmetrical habit of growth. This beautiful fern is destined to become one of the most popular of the plumed forms originating from the well known Boston Fern, and is of easy house culture. A vigorous healthy grower.

**Prices of any of the above Three Ferns:** 3 inch pot, 35c; 4 inch pot, 75c; 5 inch pot, \$1.50.

**Pteris Tremula**—Commonly called "Lace Fern." This is one of the best known of the family, and the strongest grower, the fronds on a well developed specimen often attaining a length of three feet, of a brilliant shade of green. Succeeds well everywhere as a house plant. Each from 2½ inch pots, 40c; from 3 inch pots, 50c; from 5 inch pots, \$1.25; from 6 inch pots, \$2.00.

Bring Your Landscaping Problems to Us

A FINE FERN IS A CHEERFUL THING IN THE HOME



## FERNS—Continued

**Adiantum Cuneatum**

**Adiantum Cuneatum**—The True Maiden Hair Fern. One of the most handsome Ferns in existence, and well known from its great use in bridal bouquets.

**Adiantum Hybridum**—One of the more recent Maiden Hair Ferns. Much superior to Cuneatum, having larger and finer fronds and a much stronger grower.

**Adiantum Conicum**—One of the strongest and largest of the Maiden Hair family. Splendid habit.

**Aspidium Tussimense**—A great favorite for Fern Dishes and one of the best.

Any of the above, each, 25c and 50c. Larger plants of any of the above varieties, each, \$1.00.

### REMEMBER OUR PRICES

On Plants, Shrubs, Trees and Roots are Prepaid



View in Our House of Boston Ferns

## FERNS FOR DISHES

We have a good stock of all of the following classified list of ferns especially suitable for fern dishes, jardinières, etc., and which are best for the home and are the most easily grown.



**Pteris Argyrea**—The Pteris are among the easiest grown house ferns, and the wonderful range of variegated foliage and form render them invaluable. Pteris Argyrea is of a dwarf habit with fronds prettily decorated with white.

**Pteris Victoriae**—This is considered by many to be the handsomest of the Pteris. The fronds are rich deep green. It is a vigorous and healthy grower.

**Pteris Hastata**—A very unique and pretty variety of this popular fern family.

**Pteris Multiceps**—One of the most strikingly variegated forms of the Pteris family.

One of our table ferns

**Pteris Alexandrac**—A very handsome variegated Pteris, of dwarf habit.

**Pteris Rivertoniana**—A very distinct and valuable type of crested Pteris.

**Pteris Wilsonii**—A beautiful variety of dwarf habit, bearing crested fronds. Very compact growth.

**Pteris Mayii**—A peculiar variegated dwarf type with large pinnae and green foliage.

**Pteris Wimsettii**—A very pretty green foliaged and crested Pteris.

Prices of above Ferns: 3 inch, 35c; 4 inch, 75c.

## HOLLY FERNS

**Cyrtomium Falcatum**—The popular Holly Fern. Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color. Each, 30c, 50c, \$1.00, \$1.85.

**Cyrtomium Rockfordianum**—The Improved Holly Fern. The leaves are pointed and notched, resembling very closely the Holly leaves. A splendid fern for the house. Each, 30c, 45c, 90c and \$1.75.

ASPARAGUS FERNS—See Page 4



A fine specimen of Holly Fern

## HARDY FERNS

We can supply these—Native Ferns—in good plants at 50c, 75c, and \$1.00 each. These are splendid plants for a shady place—or nook or rockwork, where they do not receive too much strong sunlight, and are assured of sufficient moisture in the growing season. The plants we offer are gathered from the slopes of the Great Divide of the Rocky Mountains.



**FUCHSIAS**

A favorite with our grandmothers and a favorite still. Their color combinations are wonderful, and their easy culture and free flowering proclivities make them exceptional sellers both for Summer and Winter blooming. We can highly recommend all of the following listed below.



Fuchsia—Trailing Queen

- Duchess of Albany**—Maroon corolla with light pink petals. Very free flowering.
- Elm City**—Calyx cochineal red with single corolla of a deeper purple red. Very free bloomer. One of the best of the Fuchsia family.
- Trailing Queen**—A handsome trailing type exceedingly floriferous with purple corolla and flesh colored tube and sepals. A most effective plant for hanging baskets and window boxes.
- Phenomenal**—The largest flowering fuchsia, with long stems, petals red and center bright purple.
- Black Prince**—Red, single.
- Chas. Blanc**—Deep red with rose, single.
- Lustre**—White and scarlet, single.
- Mrs. E. G. Hill**—White and red.
- Trophee**—Double purple corolla, crimson tube and sepals.
- Little Beauty**—Beautiful red sepals with purple corolla, single.
- Lord Byron**—Single variety, superb shades of red and deep purple.
- Turner**—Very red sepals with light purple corolla.
- Speciosa**—Single, with pink sepals and red corolla.
- Prices:** Each, 30c, 50c, and 75c.
- Pride of Orion**—The newest of the Fuchsias. Strong vigorous upright grower, flowers are white and extremely double. The blossoms do not drop and it is a very early bloomer. Each, 45c.



Black Prince

**FEVERFEW**

Dainty milk-white double spherical flowers. Very free flowering and blooms from Spring until Fall. Excellent as a bedding plant and good for cutting. An old time favorite. Each, 20c.

**FICUS—Rubber Plant**

**Elastica (India Rubber Tree)**—This is the old reliable thick leaved variety—the substantial house plant, which under the most trying circumstances has served its purpose. Its foliage of a beautiful dark green, shiny appearance, being always handsome and striking. Each, 75c and \$1.50.

**Repens**—Directly opposed in character to the upright growing varieties, being really a creeping or trailing vine. It is extremely useful and ornamental for covering stone or wooden conservatory walls which it will do in a short space of time. Each, 50c.

**FOR-GET-ME-NOT—Myosotis**

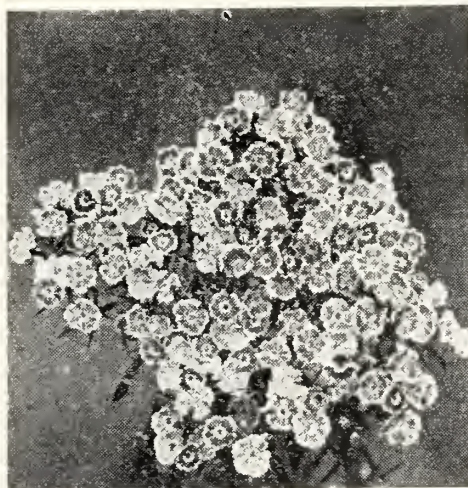
**Susanne**—Of recent introduction. A great improvement on the older varieties, being earlier and a very prolific bloomer. Each, 25c; doz., \$2.00.

**GENISTA RACEMOSA**

Round, dense foliage. Flowers are very small, pea shaped, borne in close racemes. When in full bloom the entire plant is a solid ball of the brightest yellow, emitting a delicious lemon fragrance. Very popular for Easter decorations and will continue in bloom about four weeks. 3 inch pot plants, each, 40c; 4 inch pot plants, each, 60c.

**GREVILLEA OR SILK OAK**

A beautiful plant for decorative purposes of quick growth and easy culture. Foliage fern-like and graceful. Each, 45c and 90c.

**SWEET WIVELSFIELD—Dianthus Allwoodii**

**Sweet Wivelsfield—Dianthus Allwoodii**—Crossed with Sweet William (Dianthus Barbatus). Few plants can compare with it for wealth of color and length of flowering season. It is distinct in habit and freedom of growth. Wonderful coloring flowers in trusses and perpetual flowering. Flowers cut for exhibition have been fresh at the end of a week's show. (For bedding purposes.) From pots, each, 25c; doz., \$2.50.

The New "Sweet Wivelsfield"



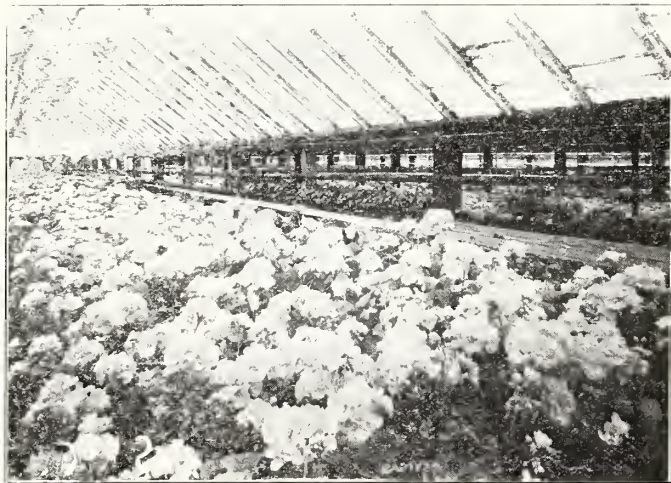
Sweet Peas and Snapdragons in the beautiful garden of Mrs. C. L. Herrien, Butte, Montana

THAT OLD FAVORITE HOUSE PLANT—THE FUCHSIA IS STAGING A COMEBACK



# GERANIUMS

Geraniums are of so much value as flowering decorative plants practically through the entire year that they commend themselves to all who possess a garden and who enjoy the exquisite stretches of color obtainable from them. There are few plants grown which offer such an uninterrupted display of bloom over an extended period. Owing to their clean growth they are not surpassed for general house use and as they come in such a variety of colors it is always possible to have a good display. The newer and improved types are exceptionally fine and where given just ordinary attention may be depended upon to give plenty of color for most of the year. All the varieties listed will be found to do well under our climatic conditions.



A bench of our fine Geranium stock

## STANDARD VARIETIES (Double)

- Helen Michell**—An introduction of great merit. It is a semi-double, of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, of a bushy compact habit of growth. Very early and free bloomer.
- Alphonse Ricard**—Light scarlet.
- E. H. Trego**—Beautiful dazzling scarlet.
- La Favorite**—White, one of the best.
- Louis Madeline**—A deep pleasing rose color.
- Marquis de Castellaine**—Crimson, with immense trusses of bloom.
- M. Jules Dispot**—Combination of red, violet and lilac, quite dark.
- Jean Viand**—Grand pink bedder.
- Madonna**—Snow white, good bedder.
- M. Paul Blondeau**—Bright rose, very large flower.
- Mrs. R. Gloide**—A semi-double—with bright deep pink flowers. The trusses and florets are very large, and very free flowering. A most desirable addition.
- Red Barney**—Of all red geraniums, old or new, this variety stands out in bold relief. It has broad, velvety, distinct foliage and vigorous habit—a full large round truss of double petals—a crimson and more brilliant red than S. A. Nutt—an incessant, extravagant bloomer, sun resisting and long keeping.
- Pink Barney**—An excellent pink having all the outstanding features of the Red Barney. Both varieties are excellent for bedding purposes and ideal for hanging baskets and porch boxes.
- Beautie Poitevine**—A beautiful type of semi-double geranium. Exquisite salmon pink flowers, the very best of its color. A variety that does remarkably well in Montana.

## SINGLE VARIETIES

- Col. Gillan**—Bright scarlet maroon, markings very brilliant.
- Gen. Wolseley**—Rosy scarlet, showy and effective.
- Mme. P. Morlan**—Rosy salmon, free bloomer.
- Sentinel**—Dark crimson, round flowers.
- Searamonche**—Salmon, shading to white at top of petals.
- Vera Onlianesk**—White, clear, round, perfect flowers.
- Yvette Prost**—Rosy pink, fine for cutting or window boxes.

## IVY LEAVED GERANIUMS—(For Picture See Opposite Page)

This class of Geraniums is rapidly growing in popularity and never fails to please those who desire a really valuable window plant. They are very free bloomers, and lend themselves splendidly to house culture.

- James Atfield**—Large pink double flowers, very fine.
- Pierre Crozy**—A single free bloomer of intense scarlet.
- Leopard**—Lavender pink dotted with crimson.
- Souvenir de Chas. Turner**—Deep bright pink.
- Achievement**—Rose with white eye.
- Wm. Tracy**—Double, light pink, a rather short habit of growth, very fine.
- La Eleganta**—Beautiful variegated foliage, white and green at first, later the white spots turn to scarlet, very good for porch boxes and baskets.

## VARIEGATED GERANIUMS

**Happy Thought**—Leaves yellow, center bordered with green. flowers rose.

**Madame Salleroi**—Bushy variety, used for borders, goes well with Lobelia. Foliage green and white.

**Mountain of Snow**—Fine foliage variety, silver edge, flowers red.

**Mrs. Pollock**—Foliage yellow, green and red variegation. Flowers red.

## SCENTED GERANIUMS

**Balm**—The well known large foliated rose scented geranium.

**Lemon**—The small foliated old-fashioned Lemon Geranium. Very fragrant.



Specimen 3 inch pot Geranium

**Rose-Scented Geranium**—Very popular. Flowers pink.

**Apple Blossom Geranium**—A variety in great demand for its peculiar and refreshing apple blossom perfume.

Remember that our collection of Geraniums is the largest in the Northwest. We devote several greenhouses to the culture of these plants in their several types, and add new varieties to our list as we find them worthy after trial.



Specimen of a 4 inch pot Geranium

See Our

Lily Pool

Collection of

Goldfish and

Turtles

## PRICES OF GERANIUMS SINGLE OR DOUBLE

From 3 inch pots, each, 30c;	.....doz.,	\$2.50
From 4 inch pots, each, 50c;	.....doz.,	\$5.00
From 5 inch pots, each, 75c;	.....doz.,	\$7.50

## ANY 6 AT THE DOZEN RATE

Extra large plants of these varieties from 5 and 6 inch pots \$1.00 and \$1.50.  
We reserve the right to send either by express or parcel post.





Ivy Leaved Geranium

REMEMBER—We Pay Postage or Express on  
Plants, Trees and Roots



Pelargonium—Easter Greeting

**PELARGONIUMS—Martha Washington Geraniums**

Our stock of Pelargoniums is beyond reproach and like our geraniums we devote several houses to their culture and careful selection.

**A Glimpse in One of Our Pelargonium Houses**

**Easter Greeting**—One of the most desirable plants of this class that can be grown. Its flowers, which are borne in great profusion from March until late fall, are a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large, often measuring from two to three inches in diameter. It is of a very compact and bushy habit, and of easy house culture. It is nearly impossible to say too much in recommendation of "Easter Greeting." Wherever a plant is desired for the house that will bloom continuously throughout the summer, no mistake will be made by selecting "Easter Greeting" for the purpose. Our plants are unusually fine and healthy, and cannot fail to please.

**Gardeners' Joy**—Nearly white, with an apple blossom pink at base of flower, the two upper petals blotched with deep brown. Produces one of the largest clusters of bloom of any known variety.

**Wolfgang Goethe**—Flowers large and slightly crimped, ground color dark red, with five well defined violet black spots. Considered the best dark red variety.

**Wilhelm Hauff**—Flowers and clusters very large and strongly crimped. Ground color a purplish pink, with large brownish blotches on the upper petals. A profuse bloomer.

**German Glory**—Ground color an apple blossom pink with large dark brown blotches on upper petals; flowers and clusters are large, free bloomer and dwarf, robust, branching habit.



Gardeners' Joy

**Eastern Star**—A light salmon color, with five large reddish brown spots. Has a long period of bloom, and is a dwarf compact grower.

**Lavender Gem**—Another of the Easter Greeting type, with beautiful lavender pink flowers.

**Mons Herzog**—Reddish pink.

**Crimson King**—Intense crimson, free flowering.

**Princess May**—Very light pink.

**W. C. Boyce**—A beautiful shade of salmon.

**Madam Loyal**—(The Pansy Geranium)—This is another of these plants which were favorites with our grandmothers, and is rapidly coming into another well deserved reign of popularity. Of the most easy house culture and a most profuse bloomer.



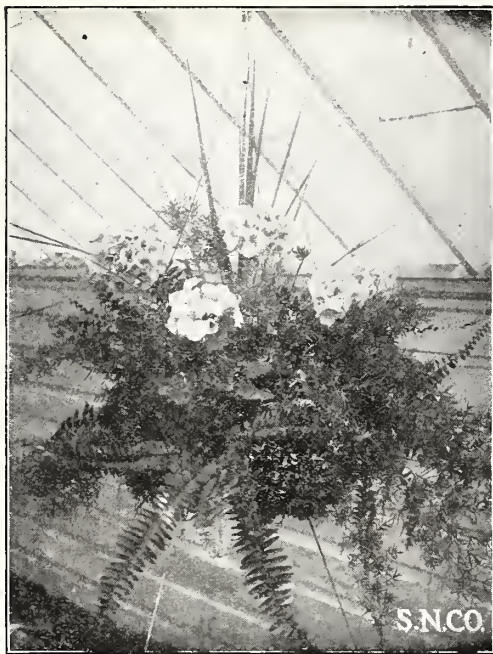
Mons Herzog

**Prices of Pelargoniums**—Each, from 3 inch pots, 30c; Each, from 4 inch pots, 45c and 60c; Each from 5 and 6 inch pots, 75c and \$1.00. Specimen plants, large, \$2.00 to \$2.50.

WE LIKE TO HAVE VISITORS—THEY ARE OUR BEST ADVERTISERS



## HANGING BASKETS



Specimen Wire Hanging Basket Filled

We receive many compliments each year on the artistic manner in which our hanging baskets are arranged and feel confident that we can satisfy the tastes of even the most critical. If you do not know just what plants you wish included in your basket, tell us what general type of plants you wish and what colors you desire.

Depending on the size of the basket and the number of plants used, our hanging baskets are \$2.50, \$3.50, \$5.00 and \$7.50.



Porous Pottery Hanging Basket

## POROUS POTTERY HANGING BASKETS

Hanging porous pottery baskets are rapidly becoming more popular, owing to the fact that they hold moisture much longer than the moss lined wire baskets, and are much more durable. We can supply these in 8 inch and 10 inch sizes. These pottery baskets are supplied with attached saucers to eliminate dripping.

Empty, each, 3 inch., \$1.50;  
10 inch., \$1.75.  
Filled, each, 8 inch., \$3.50;  
10 inch., \$4.50.

## HELIOTROPE

Heliotrope will succeed in or out of doors. Their exquisite perfume makes them a favorite everywhere.

**Centifleur**—One of the newer forms of medium lavender color, with enormous heads of bloom.

**Elizabeth Dennison**—A very compact large flowered form, almost violet in color.

**Florence Nightingale**—A lavender colored type, very floriferous. Prices, each, 30c, 40c, 60c.



One of our Blossom Laden Heliotrope

See  
Our  
LILY  
COL-  
LECTION

## HEPATICA

**Hepatica Triloba—Leopard Plant**—Also called, liver leaf. A novel plant with handsome foliage having bright yellow spots. A sturdy grower and of easy culture. Each from 3 inch pots, 50c.

## HIBISCUS

Well known Evergreen tender shrub which may be grown either in a pot or tub, or planted out during the summer. They flower freely during the Summer and in the Winter if kept in a light sunny position in the house. In salmon, light rose, scarlet and soft pink. Each, 50c.

Set of four, all different, \$1.75. Special larger sizes at \$1.00.

## HOYA CARNOSA—Wax Plant

An old time favorite indoor climber, bearing trusses of flesh colored star shaped, wax-like flowers. Rich green foliage. Each, 45c.

## HYDRANGEA



A House of our Hydrangeas

In this climate Hydrangeas are best known as decorative flowering plants for Easter decoration, but they are becoming more popular each year for use on porch, lawn, or garden during the summer. Our Hydrangeas are of the new French Types and are of easy culture.

During the winter the plants should be kept in a cool light cellar or similar place and kept as cool as possible without freezing. Only enough water supplied to keep the roots from drying out.

Colors are pink, blue and white. Season is April to June.

Prices, fine plants in blossom, \$1.50 to \$3.00.

## IMPATIENS SULTANI



A beautiful bed of I. Sultani growing in a shady east exposure at the Nursery

and we cannot recommend it too highly. Price, each, 25c and 40c.

The everblooming Sultani should be in everybody's collection. The dainty little flowers which cover the plant in a mass are a bright pink or red in color. It makes an ideal house plant and its popularity as a bedding plant especially for shady nooks about the garden is increasing each year. This is one of the easiest plants to care for that we know of.

## REMEMBER

OUR PLANTS COME TO YOU  
DELIVERY CHARGES PREPAID

YOU WILL MARVEL AT THE BEAUTIFUL EFFECT HANGING BASKETS ADD TO YOUR PORCH



**HANSA****BELLE POITEVINE**

Bright rose pink, full double flowers borne in loose clusters. This excellent rose is one of the most satisfactory of the Rugosa family. Belle Poitevine is an extremely prolific bloomer, starting in June and blooming continuously through the summer until fall. Owing to its habit of forming strong basal branches, it produces one of the most dense and attractive shrubs of the entire rose family. It is ideal for hedge purposes and equally valuable for specimen plants and foundation groups. This rose is extremely hardy and requires no winter protection anywhere in the United States and it is therefore the pink member of the group of Eskimo Beauties.

**BLANC DE COUBERT***Eskimo Beauties*

"The hardiest of all choice roses—they ask no winter protection."

**HANSA**

Deep violet red, extra large, perfectly double, very fragrant. The Hansa is without doubt the most popular and the best seller of all the Rugosas. In this fine variety, unlike most of its class, the buds of each cluster open at about the same time, giving the effect at a distance of a single rose of an immense size. The foliage is a particularly dark, glossy, rich green color. Hansa is often used very effectively in hedges. When trimmed vigorously in mid-summer, it is sure to respond with a wealth of bloom. It is also very effective when trimmed as the tree grows. Its strong stem will balance a heavy head of branches. The Hansa is attractive either for a rose or a first class shrub. It will thrive without winter protection in the coldest spot of America and hence is a vigorous member of the group of Eskimo Beauties.

**BELLE POITEVINE**  
an Eskimo Beauty**BLANC DE COUBERT**

Snow white, blooms in large clusters, double, fragrant. The Blanc de Coubert rose is undoubtedly one of the finest white Rugosa Hybrids that has been produced. It is a prolific bloomer, blooming heavily throughout the summer and fall. The foliage is a dark glossy green color that is used very effectively in hedges. It responds quickly to trimming by producing a quantity of new buds. The type of bush and foliage is almost identical with Hansa and makes a splendid companion plant for that variety. It is ideal for trimming up to standard tree form. Like the other Rugosas it needs vigorous pruning. If pruned back sharply in the spring and mid-summer, it will keep a rich healthy foliage and produce a wealth of flowers. Like Hansa it is extremely hardy, will thrive in the coldest parts of America without winter protection and is the white member of the group of Eskimo Beauties. This rose is especially pretty in half open bud.

**PRICE OF EACH ONE OF THE SIX VARIETIES \$1.50**





AMELIE GRAVEREAUX

**SIR THOMAS LIPTON**

Pure white, fragrant, perfectly double. The Sir Thomas Lipton is very similar in style of bush to the Amelie Graveraux and makes an excellent companion plant for that variety. The flowers are borne in clusters which are especially attractive, half open buds and full blooms are found in every cluster. It gives an amazing abundance of flowers throughout the early summer. If given vigorous trimming in mid-summer, the same prolific bloom will follow through the late summer and fall. This is a hardy and thrifty bush of beautiful foliage and is attractive either as a specimen or in mass planting.



F. J. GROOTENDORST

**AMELIE GRAVEREAUX**

An outstanding rose of exceptional merit. Carmine red—full double—very fragrant. One of the new and one of the very choicest of the Rugosa Hybrids. The flowers open as a rich carmine red which turns to deep American Beauty color as they mature. The large flowers are unusually beautiful in the partially opened bud. The Amelie Graveraux has a delightful fragrance. It is a liberal bloomer, often carrying a dozen blooms within eight weeks after planting. It blooms liberally in June but even more so in August and September. This is a hardy and thrifty bush of beautiful foliage which makes a real attraction as a shrub. We consider this new creation a rose "par excellence" that is rapidly winning favor throughout the country.

**SPECIAL COLLECTION**

One Each of the Six Varieties of Roses illustrated on these two pages—six in all

**\$7.50**



SIR THOMAS LIPTON

**GROOTENDORST**

Bright orange red, flowers in clusters. This rose has become a most popular novelty. It combines in a unique way the valuable characteristics of its two parents, the Baby Rambler and the red Hybrid Rugosa. It produces a wealth of small flowers similar to the Baby Rambler but in true Rugosa style bears them in clusters. This rose has the green leathery foliage of the Rugosa roses. Having inherited a continuous blooming habit from both parents, it is one of the most prolific and continues to bloom from June until frost. The foliage is very attractive, stems growing to an even height averaging from three to four feet having a semi-dwarfish habit. Few roses are so well adapted to landscape work in low mass planting. The Grootendorst rose is sure to continue in popular favor. It can be depended upon in all locations to be a healthy, vigorous and an attractive rose-shrub.

**PRICE OF EACH ONE OF THE SIX VARIETIES \$1.50**



**IPOMEA—Moon Vine**

Season May to July

The well known Moon Climber. Flowers white and fragrant. Each, postpaid, 20; doz., \$2.00.

**IVY—Parlor**

A good vine for the window at all seasons, and in great demand as a vase, basket or window box plant in the summer. Each, 25c.

**KENILWORTH IVY—Creeping Charlie**

An excellent small creeping vine for house use, foliage fine and attractive. Each, 3 inch, 25c.

**IVY—English**

An invaluable evergreen climber for indoor purposes, a splendid plant for house trellis decoration. Not hardy in Montana. Each, 50c and 90c.

**LANTANA**

One of the most attractive bedding and house plants, with a most brilliant range of colors, and extremely floriferous.

**Jacob Schultz**—Opens yellow and turns to a most intense oxblood red.

**Delicatissima (Weeping Variety)** Rosy lavender flowers very suitable for hanging baskets.

**Comtesse de Biencourt**—A fine pink variety.

**Snowball**—Pure white.

Any of the above each, 30c

Collection of 4, \$1.10



Lantana

**LAVENDER**

**Lavendula Vera**—The true old fashioned lavender. Greatly admired for its delicious fragrance. In this section it is not hardy, and must be cared for indoors in winter. Each, 25c.

**LEMON VERBENA—(See Aloysia, Page 3)****LOBELIA**

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil, but should be planted where they get the most moisture.

**Double Blue Kathleen Mallard**—Large double flowers of an intense blue, very desirable.

**Crystal Palace**—Deep blue; a splendid bedder.

**White Gem**—A beauty. A very fitting companion to Crystal Palace.

**Hambergia**—A new trailing variety which has found immediate favor. Flowers a beautiful light blue and are single.

Each 10c ..... doz., \$1.00

**StimUplant**  
Makes a  
Wonder Garden

**EASTER LILIES**

**StimUplant**  
Makes a  
Wonder Garden



One of Our Houses of Easter Lilies

For this particular season we make a specialty of Easter Lilies which we grow by the thousands and at this time are prepared to ship in quantity to any part of this section. For individual home use and for church decoration no better flower can be chosen for of all pot plants they are the most stately. We are prepared to assist you in your choice of a lily for Easter Sunday and all orders will receive special attention and care in packing to assure arrival in a good condition.

Each of fine foliage and flower \$1.50 to \$4.00.

**OUR EASTER LILY SPECIAL**

For this particular season we make a specialty of sending Easter Lilies to all parts of the country. These are specially wrapped with your card attached and shipped by express prepaid to destination desired.

**\$2.50**

**REMEMBER WE PAY Delivery Charges**

on all Plants, Shrubs, Trees, Bulbs and Roots  
except Evergreens.



**LILIES**

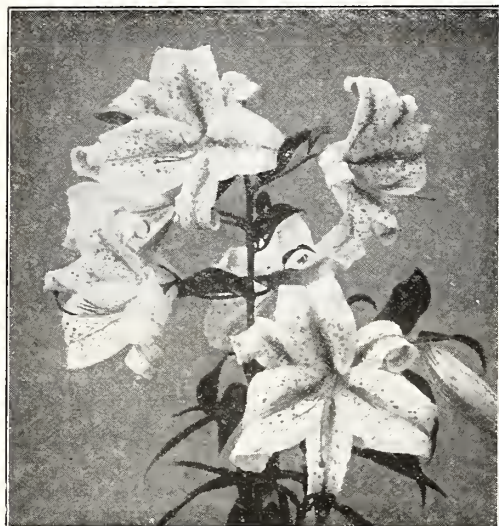
(See Also Hardy Lilies, under Perennials)

**Calla Elliottiana**—A beautiful member of the Calla family, with dark green foliage spotted with silvery white, and handsome yellow flowers. A splendid house plant of the easiest culture. Each, 75c.

**Calla Aethiopica**—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy culture. Each, 75c.

**Calla—Little Godfrey**—A smaller type of later introduction and with its extremely free flowering habit, has proved wonderfully popular. Each, 75c.

**Lilium Giganteum**—The well known Easter Lily. Dormant bulbs in season (October and November). Bulbs, each, 35c.

**Lillium Auratum**

**L. Auratum**—The wonderful gold-banded Lily of Japan. Flowers will often, if well grown, measure ten inches in diameter, of a creamy white, spotted with crimson and striped with yellow. Extremely fragrant. Dormant bulbs (November to June). Each, 50c.

**L. Rubrum**—Another handsome lily and very largely grown for cut flowers. Of a very desirable pink freely sprinkled with deep crimson spots and markings, and reflexed petals. Dormant bulbs (November to June). Each, 50c.

**MADEIRA or Mignonette Vine**

Very popular vine and a very rapid grower. Fleshy heart shaped leaves of light green producing numerous racemes of feathery white flowers of delicious fragrance. 3 inch only, each, 30c.

**MARGUERITE**

**Mrs. F. Sanders**—This variety has taken precedence over all others of its class. It is double, pure white, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers, and a splendid keeper when cut.

**Marguerite — Boston Yellow**—A magnificent golden Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems.

**White Marguerite—(Chrysanthemum Frutescens)**—This is the well known single Paris Daisy, and the best known of the family.

**Mothers' Day Marguerite**—A new introduction—so named because of its dependable nature of early flowering—for Mothers' Day—the second Sunday in May. A splendid white Marguerite. Price of any of the above, each, 25c, 35c, 60c.

**MONEYWORT—Lysimachia Nummularia**

This is a splendid trailing vine, exceedingly well suited for hanging baskets and porch boxes. Its long stems often reach a length of two feet and are closely lined on two sides with small dark green foliage, and it is rarely that they ever lose the foliage near the plant, making it one of the best plants for this purpose. It is very hardy—a few degrees of frost not injuring it at all, and will thrive under trees and in places where grass will not grow, making a veritable carpet of green. Each, 25c.

**MOON VINE—(See Ipomea, Page 17)****OLEANDER**

An immensely popular plant. It is a large semi-double red, pink or white bloomer which can be kept growing in almost any situation during the whole year. Each, 50c to \$2.00.

**Oleander****OXALIS**

**Grand Duchess—(Pink)**—A very prolific flowering variety of easy growth. Fine house plant and especially good for hanging basket. This is possibly found in more homes than any other plants. (Plants in season, 35c; bulbs, 3 for 25c.)

**Bermuda Buttercup—(Yellow)**—Also very prolific in its flowering habit, an easy growing distinct bright yellow. (Plants in season, 35c each; bulbs, 3 for 25c.)



One of Our Houses of Pelargoniums Showing the Massive Blooms and Quality of Our Plants

**WHEN IN HELENA**

You are cordially invited to visit our Greenhouses and we aim to give you a courteous and instructive welcome.

Come to Us With Your Garden Problems—Try a Bed of Marguerites



## OUR FAMOUS PANSIES



The little "flower faces" have inspired many flower lovers as well as poets. Shakespeare loved the pansy and they are great garden friends of all the Europeans. During the past few years they have become favorites here also, and now there is scarcely a garden without its bed of pansies.

We wish to particularly emphasize that we are the most extensive growers of these favorites in this section. We specialize only in the finest strains obtainable and our present stock is from the most select and best European and American varieties. All our plants are clean, hardy and of vigorous growth. Plants are either in bud or bloom by May 1st and are packed in such a way that the root system is undisturbed and the plant receives no setback in its growth. We use five large houses for our pansy stock besides nearly an acre in our Nursery.

**Prices of pansies (Our Giant Flowering Premium Strain) Mixed, per dozen, 90 cents.**

Pansies can be supplied in separate colors: Light blue, pure yellow, black, red shade, dark purple, golden bronze, pure white and henna or tango red and mixed.

Giant one year old pansies: Clumps taken from the field, very large. Price per doz. \$2.00. Can also be supplied in separate colors the same as above.

### PANS

#### Of Ferns and Decorative Plants

These pans contain palms, ferns, coleus, begonias, etc., and are very attractive and the contents most lasting. Each, \$2.50 and \$3.00 by express.

### PETUNIAS

The steadily increasing use of porch and window boxes for decoration during the summer months is causing greater and greater demands for our superb petunias. No bedding plants can make a more pleasing display than petunias and none are freer blooming nor give a more continuous succession of blossoms than do these plants.

The Double varieties, Ruffled Monsters, and single Giant Fringed are especially beautiful in porch and window boxes, while the single varieties are very useful either for bedding or porch box use.

#### DOUBLE PETUNIAS

**Edna**—Pink Mottled white.  
**Guy**—A beautiful light pink.  
**Jerome**—Purple with white edge.  
**Snowball**—Finely fringed white.  
**Talma**—Clear pink.

**Double Rosy Morn**—A new petunia that has surpassed all expectations. It is an excellent bedder and is finding much favor for use in porch boxes and hanging baskets. The flower is a deep pink and the plant is very bushy and stocky.

#### SINGLE PETUNIAS

**Ruffled Monsters**—Prized for their exquisite markings and coloring. Greatly improved type equaling the orchid in beauty and coloring.

**Giant Fringed**—Mixed colors.

**Dieters Pink Glory**—One of the most handsome petunias for porch boxes and bedding purposes.

**Rosy Morn**—A splendid and favorite bedding variety.

**Blue Jay**—A real Royal Purple of recent introduction. A good companion to Rosy Morn.

#### PRICES OF PETUNIAS

Each, 3 inch, 25c; doz., \$2.50.

Each, 4 inch, 40c; doz., \$3.75.



Double Petunia

OUR GIANT ONE YEAR OLD PANSIES EXHIBIT THE UTMOST IN SIZE, VIGOR AND NUMBER OF BLOSSOMS



**PALMS—(See Palms Page 22)****PANDANUS VEITCHII**

A highly decorative plant with gracefully curved sword-like leaves which attain a length of about two feet. Foliage dark green in center margined creamy white. Of very easy culture and never troubled with insects. Each, 50c, \$1.00, \$1.50 and \$2.50.

**PASSION FLOWER (Coerulea)**

The flower with the biblical history, beautiful beyond description. The vines may be trained up on a small wooden trellis stuck in the pot. The flowers are a beautiful light blue suffused with rose. It is a vigorous grower as a house plant. Price, each, 50c, \$1.25 and \$1.75.



Passion Flower

**StimUplant**  
Makes a  
Wonder Garden

**Philodendron Cordatum—Friendship Vine—**  
The best indoor vine for planting wall pockets, vases, boxes, etc. Very hardy and recommended by many as superior to English Ivy. Each, 3 inch pots, 75c.

**StimUplant**  
Makes a  
Wonder Garden

**PRIMULA SINENSIS—Kelway's Prize Strain**

**Primula Sinensis—Chinese Primrose—**This is a beautiful house plant, and like the preceding variety is a profuse winter bloomer. In colors of red, white and lavender. Good plants in bloom from November to March. From 4 inch pots, each, 50c; from 5 inch pots, each, 75c.

**PRIMULA MALACOIDES**

This is the Baby Primrose. It bears masses of delicate lavender colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants. Blooming plants each, 35c and 50c.

THE ZEBRA PLANT MAKES A BEAUTIFUL NOVELTY IN THE HOME OR OFFICE

**SALVIA**

(Watkins and Simpsons Strain)

More commonly called Scarlet Sage; is without doubt one of our most valuable summer bedding plants. The flowers are larger and more profuse with their long erect spikes of most brilliant scarlet flowers, borne well above the deep green foliage. They are of easy culture and make a rapid growth. Plant in a sunny location using well fertilized soil and keep well supplied with water. A well grown bed of salvia is literally a bed of fire. Each, 25c; doz., \$2.50.

**SAXAFRAGA SARAMENTOSA**

**Aaron's Beard—Mother of Thousands—or Strawberry Geranium**  
This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It is a splendid plant for small hanging baskets, of a real decorative value, that will thrive under most adverse conditions. Each, 25c and 50c.



Strawberry Geranium

**SANSEVERIA ZEYLANICA**

Commonly called "Zebra Plant" of very easy culture and a plant that will withstand dust and dry weather without injury. Its tall growing fleshy leaves are very attractive, being alternately barred green and white. Each, 65c; larger plants, \$1.00, \$2.00 and \$3.00.

**SHAMROCK**

The true small leaved Irish variety. Pots, each, 40c.

**DO YOU TAKE GOOD CARE OF YOUR PLANTS**

If your plants are not thriving as they should, drop us a line. It is very likely that with our knowledge of the natural habits of the different plants and of the kind of growing conditions that each kind requires we can help you keep your plants in good health.



Zebra Plant



## STOCKS

One of the finest and most fragrant of plants which can be grown. Their freeblossoming habit and their long keeping qualities when cut, together with their beautiful range of colors make them a universal favorite with all flower lovers. We find that for best results it is necessary to grow these in pots. Dozen, 90c.

## TRADESCANTIA—Wandering Jew



Tradescantia

Beautiful trailing vines having thick, waxy, lance-shaped foliage. One of the most used plants for hanging baskets and window boxes.

Three varieties:

1. Green foliage—very rapid grower.
2. Green foliage—striped with gold.
3. Green foliage—striped silver and red.

Each, 25c; doz., \$2.50.

One each of the three varieties, 65c.

## TUBEROSES

One of the most delightfully fragrant and exquisite of all summer blooming plants. It is desirable to plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety.

Each, 15c; doz., \$1.25.

## WALLFLOWERS—(Goldlack)

A very fragrant easily grown old favorite. The plants we offer this season are raised from the finest strains which have been developed by European specialists.

**Wallflower—Blood Red**—A very robust and sturdy grower, with fine foliage, producing enormous spikes of bloom of a reddish brown.

**Wallflower—Paris Market**—A beautiful variety which may be treated as an annual. Set out early in the spring and you will have flowers all summer.

Either variety from 3 inch pots, 25c; doz., \$2.25.



A Bed of Our Famous Temple Zinnias in the Gardens of C. B. Power, Esq., Helena

## VERBENAS

The verbenas without doubt is one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the summer, and very often after the first frost of fall. Their free flowering proclivities, and brilliant shades of coloring render them attractive to every lover of summer flowers in the garden.

**Verbena—Oxford Beauty**—This is a very large flowered clear pink variety.

**Other colors—Scarlet, pink, white, blue shades, purple, white and striped.** Each 20c; doz., \$1.75.

## VINCA

(See Japanese Tubs, Page 11)

This is without a peer as a decorative vine for porch boxes and hanging baskets. Of the most easy culture, and rapid growth, it is today the most used trailing plant for this purpose in all parts of the country. The demand for it in the United States runs into the millions each year, and is steadily growing.

Either in green foliage or variegated. Each 3 inch pots, 25c; doz., \$2.50. 4 inch pots, each, 50c; doz., \$5.00.

## VIOLETS

We have found that violets under proper cultivation can be grown in Montana that are equal of any in the entire country. As an evidence of this fact, the demand for violets as cut flowers, in their season, in our own case has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands made upon us for these fragrant blooms. We might add that our violets won the silver medal at the National flower show at Detroit in 1927. Our violets are under the care of an expert grower and are strong vigorous plants, free from disease. Our pot grown plants are unequaled.

**Governor Herriek**—Flowers of rich purple borne on good stems and very prolific.

**Princess of Wales**—One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant.

**Dame Lloyd George**—A new introduction. This particular variety was gathered from the slopes of Mount Everest. Blue, with white eye. Fully as hardy as the other varieties. Perfumed.

Any of the above varieties, each, 35c.

**Collection**—One each of the three varieties, 75c.



Part of a Morning Crop of Violets at our Greenhouses

## Our Wonderful Temple Zinnias

## GIANT DAHLIA FLOWERED

Zinnias are the showiest and the very finest of annuals and come in a variety of gorgeous colors. The plants we offer are of precisely the same variety as those we planted at the Shrine Temple, Helena, 1927, 1928, 1929 and again in 1930 which caused such a sensation. The plants we offer are all of the standard and novelty shades, healthy, strong and vigorous. To insure good plants for extra early flowering we are growing quantities in 3 inch pots. Prices from pots, per doz., \$1.00; from flats, per doz., 60c.

LET US HELP YOU PLAN A ROCK GARDEN

One of the Newest and Most Beautiful Vogues in Gardening

A BED OF VERBENAS WILL BE A BEAUTIFUL AND COLORFUL INVESTMENT



Don't Overlook our New  
DAHLIA  
COLLECTIONS

# PALMS

Before Mailing Your Order  
Check Over Our  
NEW PEONY LIST

EXCELLENT HOUSE PLANTS

Our seed trial grounds, a great institution in itself, eliminates the word chance or gamble from our seed and Plant Stock. We offer nothing but the Blue Bloods of the seed and plant world.



A Glimpse of One Section of Our Palm House

Build a Lily Pool in your back yard. Fill it with our fine Lily Pool Collection and enjoy the exquisite beauty that our Nymphaes (Water Lilies) and other aquatic plants will produce for you.

Probably the one of our greenhouses which receives the most enthusiastic attention from visitors is our Palm house in which are grown our palms, orchids, and other tropical plants. This house, which is twenty feet wide and one hundred feet long, is literally filled to the brim with rare and beautiful plants and in itself is well worth a visit to our Nursery.

No collection of plants is complete without palms. No plant exceeds them in decorative value and a few if any plants can stand dust and a dry atmosphere as well as can the Palm.

Our collection listed comprises only those varieties of practical value which can stand the usage to which house plants are generally subjected.

**CULTURE**—Water the soil about twice a week and sponge the leaves frequently with tepid water, to preserve health and discourage the accumulation of dust or marauding pests.

**Phoenix Roebelenii**—A very dainty and graceful palm, having a dense growth of light and feathery foliage. In many instances it has proved more popular than the Kentia for decorative purposes and it is equally as hardy and very easy to care for. Price, each, 4 inch pots, \$1.25; 5 inch pots, \$1.50 up to \$3.00.

**Kentia Balmoreana**—One of the most graceful varieties of palms on the market. Their long arching stems and fan-like canopy of richest green make them general favorites. They are very hardy and can be grown in the house for years with wonderful success. Each, \$1.00, \$2.00, \$3.00 and \$5.00.



A Bench of Our Pot Roses in Full Bloom  
(See Rose Section, Pages 23-27)



Residence of Mrs. R. H. Kleinschmidt showing State Nursery Company's Trees, Shrubs and Lawn arranged so as to give a delightful effect to the property

PALMS ARE SO EASY TO CARE FOR AND THEIR EFFECT IN THE HOME IS COZY-LIKE



See Also The  
Color Pages of  
HARDY RUGOSA ROSES

# ROSES

A ROSE  
has the mightiest voice  
IN THE GARDEN

OUR FAMOUS COLLECTION OF TWO-YEAR OLD ROSES at \$2.00 EACH

The Demand Continues to Increase for Our Famous Two Year Old Roses and we are Again Offering Them to you Singly or as a Collection.

When plant is received it should be planted carefully without disturbing the ball of earth and soaked thoroughly. It will start growth immediately, giving an abundance of flowers the first season.

**WINTER PROTECTION.** These roses will need to be protected in the winter time, as do all except the very hardiest varieties. Many of our customers find that the easiest way to prevent winter damage is to pile earth around the plant to a depth of about 12 or 15 inches and leave it there until after danger of severe frost in the Spring when the plant should be uncovered and all dead wood carefully cut out. Climbing roses should not be cut back, therefore, they should be laid down and carefully covered with straw or other material and left covered until danger from severe frost is past.

The 12 as listed, \$20.00—Any 6, \$11.00—Any 3, \$5.75. Any one, your selection \$2.00—Express prepaid to your nearest station. For small bushes of the varieties listed below see following pages.

## BRIARCLIFF

Bud one-third longer than Columbia, very large, long pointed flower  $4\frac{1}{2}$  inches across, high center, lasting, moderate fragrance, deep rose-pink at center, passing to lighter on outer petals, with a touch of citron-green at base, borne singly on long, strong stem.

## ROSE HILL

A new sport from Columbia, color a brilliant pink. Fine bud and flower. A good summer rose and destined to be the most popular pink rose ever introduced.

## RAPTURE

A second generation sport of Ophelia through Butterfly. It is intensely brilliant in its vivid coloring of bright apricot, coral, rose and gold; it has more petals than its parent, and produces more blooms per plant than the Butterfly.

## MME. CAROLINE TESTOUT

Clear bright satiny-pink; flowers very large and extremely showy.

## PREMIER

Dark pink flowers of full size. Very fine form and pleasing fragrance, borne singly on stiff, almost thornless stems. A very vigorous and robust plant of free-blooming propensity.

## TEMPLAR

Clear, even shade of red of exceeding double form and strongly perfumed. Vigorous, upright, abundant and continuous bloomer.

## LEGION

A lasting cerise-red which produces well-shaped globular, fragrant buds, borne on excellent stems with foliage large and glossy reddish green. One of the finest cut flower varieties.

SEE OUR  
FAMOUS  
RUGOSA  
ROSES  
IN  
COLOR  
SECTION



Talisman



Briarcliff

## COMMONWEALTH

A deep pink, of medium strong stems of moderate fragrance. Buds large, long and pointed, the open flowers being double and very lasting. Foliage of medium size and rich green. Disease resistant.

## TALISMAN

One of the most astounding novelty roses produced in many a year. Its brilliant orange red buds open to a large fragrant, high pointed bloom of glowing golden yellow, stained with copper red and orange rose on the inside of the petal.

## PINK RADIANCE

Flowers are a beautiful shade of the richest tone of pink. Darker on the inner surface of the petals than on the margins. The buds are exceptionally large and fine. One of the best types of roses grown.

## AMERICAN BEAUTY

One of the largest, sweetest and best of all hardy roses. It is a quick grower, constant bloomer, making magnificent buds and large bold flowers; color, rich rasy crimson, shaded and veined in the most charming manner. One of the finest summer roses.

## MRS. F. R. PIERSON

One of the most recent introductions which we are very pleased to be in a position to offer in the larger sizes. It is a rich deep red, of fine foliage and very few thorns, very fragrant and free flowering. It is the red rose of the season.

## WHAT IS A GARDEN WITHOUT A ROSE BED?

Just tell us the amount you wish to spend  
And let us plan your  
ROSE BED FOR YOU.

Unless otherwise directed we shall ship all plants for outside planting at what we think the proper time to set out.  
If You have Never Tried Our Roses Give Us a Trial.

REMEMBER—We Pay Delivery Charges to Nearest Postoffice or Express Station

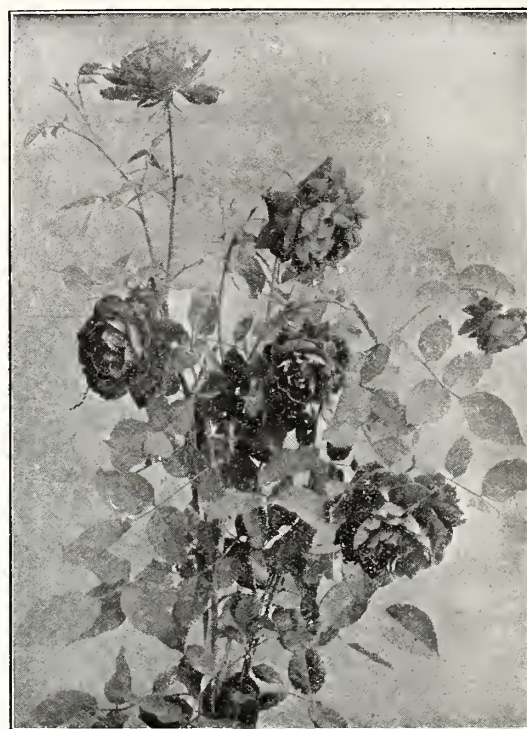




General Jacqueminot "General Jack"—(See Page 25)

## OUR ROSES

We are listing only such stock that after years of experience we can recommend for hardiness, and blossoming propensities. Our Montana grown roses are roses of quality that will give results and are not to be compared with dormant stock shipped in by some houses. Our roses also come with a ball of earth that insures no check in growth as must necessarily be the case with stock shipped with washed roots.



Gruss an Teplitz

## STANDARD ROSES THAT WILL BLOSSOM THE FIRST YEAR

**Red Radiance**—Stands among red roses without a superior. It has flowers of the same exquisite form, the same sweet perfume, as Radiance. It is a remarkable bloomer, being constantly in flower from early spring until freezing weather.

**La France**—Although introduced in 1867 this wonderful rose still preserves its popularity. Of a silvery rose, with pink shades, and satin-like petals of wonderful beauty and unequaled fragrance. A continuous bloomer.

**Hermosa**—This is another old favorite, introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free blooming nature, with finely formed flowers of a soft deep pink.

## PREPAID ROSE PRICES

Each, 3 inch, 45c; doz., \$4.50.  
Each, 4 inch, 75c; doz., \$8.00.  
2 year old, \$1.50, doz., \$15.00.  
ANY SIX AT DOZEN RATE.



Templar—(See Page 23)

**American Beauty**—Probably the widest known and most prized cut flower among all American Roses. Deep pink approaching crimson of exquisite form and fragrance, and large size.

**Gruss an Teplitz**—A wonderful rose of dazzling, fiery crimson. It is a very free grower and of unlimited flowering qualities, a rose that should grace every collection. This variety is sometimes known as Prairie King.

**Clothilde Soupert**—Often called the Cemetery Rose as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, of dwarf growth and very fragrant. An ideal pot rose for house use in winter or summer.

**Sunburst**—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense, giving a most brilliant effect. A giant of its class, of perfect form, good keeping qualities when cut, it has proven an estimable garden rose for this section.

## PREPAID ROSE PRICES

Each, 3 inch, 45c; doz., \$4.50.  
Each, 4 inch, 75c; doz., \$8.00.  
2 year old, \$1.50, doz., \$15.00.  
ANY SIX AT DOZEN RATE.

IN COMPARING PRICES REMEMBER OUR PRICES ARE PREPAID  
SEE OUR LILY POOL COLLECTION





Frau Karl Druschki (The White American Beauty)

**Mrs. F. R. Pierson**—A sport from Premier, a very fine example of scarlet crimson. The buds are of excellent shape and the foliage is very fine, the stems having but few thorns. The color is perfect.

**Frau Karl Druschki**—Commonly known as the Snow Queen or White American Beauty. One of the purest white roses known. Very large blossoms with immense petals of splendid substance borne on long stiff stems. Very hardy and deservedly popular.

**Anne de Diesbach**—(Glory of Paris)—A very free blooming form of this type of Rose and a vigorous grower. Color a shell-pink, long pointed buds, very double and large compact blooms, very fragrant.

**Black Prince**—A very fine rose of an intensely dark crimson. Flowers are large, full and globular. One of the strongest growers and a very free bloomer.

**Los Angeles**—One of the finest roses ever introduced. The growth is vigorous and produces a long-stemmed flower of a luminous flame-pink, toned with coral and tinged with gold at the base of the petals.

**Paul Neyron**—The largest of all roses, with flowers of clear bright shining pink, deliciously perfumed. A prolific bloomer of strong and vigorous growth. Almost thornless and very hardy.

**General Jacqueminot**—"General Jack"—A celebrated rose with shapely buds and handsome flowers of brilliant velvety crimson. Very fragrant.

**Radiance**—Flowers are a beautiful shade of the richest tone of pink, darker on the inner surface of the petals than on the margins. The buds are large and very fine. There is no finer rose grown than this.

**Kaiserin Augusta Victoria**—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers, it combines all the attributes that go to make a perfect Rose. Very profuse.



Los Angeles

We are pleased to make suggestions along any line pertaining to our business



Legion—(See Page 23)

Roses for outdoor planting are not shipped until danger from frost is past. Do not, therefore, be surprised, if on an early order for plants in which roses are included, these are held back from shipment until we feel that under ordinary conditions it is safe to plant them.

#### PREPAID ROSE PRICES

Each, 3 inch, 45c; .....dozen, \$ 4.50  
Each, 4 inch, 75c; .....dozen, \$ 8.00  
2 year old, each, \$1.50; .....dozen, \$15.00

ANY SIX AT DOZEN RATE



Kaiserin Augusta Victoria

#### OUR ROSE PLANTS

Notwithstanding the fact that the practice adds materially to the cost of delivery we ship only rose plants which retain the ball of earth in which the plants were grown. This is of great value to our customers because it practically eliminates the danger of slow starting or loss of plant due to drying out or other injury to the delicate root system of the plants. The only care necessary in planting our roses is to set them out as soon as practicable after delivery, firming the earth tightly around the roots and soaking thoroughly and to take care not to disturb the ball of earth around the roots.

Because of this method of handling our plants, our roses should not be confused or compared with those from most firms since it is a general practice with most nurseries to ship plants from which all earth has been washed, greatly increasing the danger of the roots drying out in transit and of other injuries to the plants.



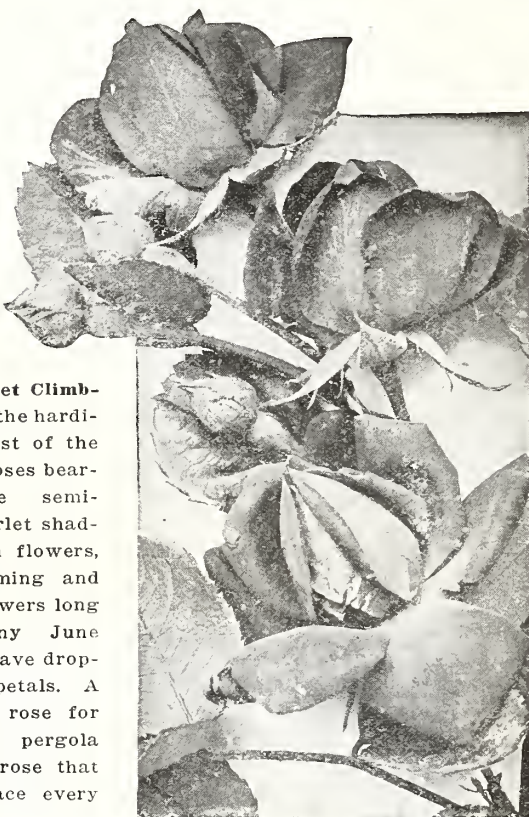
Type of Our 4 inch Pot Rose



# CLIMBING ROSES

## PAUL'S SCARLET CLIMBER

**Paul's Scarlet Climber**—One of the hardiest and best of the climbing roses bearing large semi-double scarlet shaded crimson flowers, long blooming and holding flowers long after many June bloomers have dropped their petals. A wonderful rose for trellis or pergola work. A rose that should grace every garden.



**A Rosebush Balled and Burlapped Showing Our Method of Shipping. The Root System is Undisturbed and Growth Receives No Check.**

white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine.

### PRICES OF CLIMBING ROSES

1 yr. old, \$1.00; 2 yr. old, \$1.50; 3 yr. old, \$3.00 and \$4.00.

## CLIMBING AMERICAN BEAUTY

This is one of the best of the climbing Roses and a very strong vigorous grower. It is a seedling from the well known American Beauty. It is almost a continuous bloomer, a vigorous climber and has proved to be extremely hardy. The flowers are a rich rosy crimson having wonderful form and substance.

**Dorothy Perkins**—Shell pink, very fragrant, blooms in clusters, vigorous climber.

**Crimson Rambler**—This rose is of vigorous growth. It flowers in clusters forming a mass of vivid crimson beauty.

**Lady Gay**—Buds of a deep pink, changing to cherry-red, the open flower finally changing to a creamy

white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine.

## BABY RAMBLERS

**Crimson Baby Rambler**—(Erna Teschendorf)—A dwarf form of the Crimson Rambler, with deep crimson clusters of bloom flushed with carmine.

**Pink Baby Rambler**—(Le Marne)—A dwarf type of bushy habit, producing beautiful panicles of bloom the whole summer. Semi-double flowers, bright rose at the edges, rosy-blush inside. Unequalled as a decorative pot plant at any season.

## HARDY RUGOSA ROSES

**F. J. Grootendorst**—A cross between the Rugosa Rubra and the Crimson Baby Rambler. Flowers are small, double and borne in great profusion in clusters and are a bright crimson in color. The foliage is exceptionally beautiful, (see color plate). Each, \$1.50.

**Pink Grootendorst**—A charming shell pink form of the F. J. Grootendorst with the same true Rugosa growth. Blooms profusely thruout the summer season. A splendid hedging rose or shrub for massing. Fine vigorous plants, each, \$2.00.

**Hansa**—A very hardy variety with dark purple red flowers. Excellent for foundation plantings. (See color plate) Each, \$1.50.

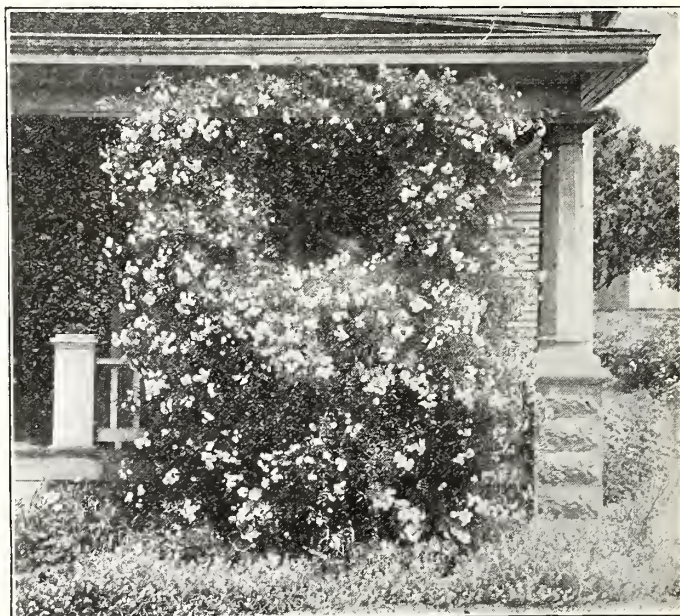
**Sir Thomas Lipton**—A fine vigorous grower with large double white flowers. A really remarkable white rose. (See color plate). Price, each, \$1.50.

**Belle Poitevine**—A fine rose of this type with brilliant magenta-purple flowers, produced unceasingly on vigorous plants. A splendid variety for landscape use. (See Color Plate) Price, each, \$1.50.

**Blanc De Coubert**—Another fine double white sort which has gained rapid favor and used extensively in mass effects. (See color plate). Price, each, \$1.50.

**Amelie Gravereaux**—A very vigorous and productive grower, producing flowers of a bright purple red, very fragrant. It is almost a climber and makes a wonderful pillar. (See color plate). Each, \$1.50.

FOR PRICES AS A COLLECTION SEE COLOR PLATE



**Dorothy Perkins—Climbing Rose**

## SIMPLE CULTURAL DIRECTIONS FOR ROSES

**Culture**—Considering their easy culture, Roses form a class of plants that should be in every garden in the northwest for they flourish so remarkably. The best results come from spring planting and the bushes produce blossoms that year. The following simple rules will help at planting time.

**Treatment on Arrival**—The plant should be planted as soon as possible after arrival, even though the temperature should be a little below freezing. It can be protected from frost for a few days by wrapping in burlap. Take great care not to disturb the roots or the ball of earth that surrounds the roots and soak thoroughly after planting.

**Planting**—Select sunny location guarded from north winds. Spade deeply, thoroughly mixing into soil a goodly supply of well rotted cow manure. Pack soil thoroughly about the roots and soak well.

BRING YOUR LANDSCAPING PROBLEMS TO US



# BRIAR ROSES



**ROSA HUGONIS**

This rose has surpassed all our expectations both in growth and beauty. For hedge purposes it cannot be equalled and it is also ideal for foundation plantings for specimen purposes. Matured bushes attain a height of six feet, with corresponding spread. The flowers are single, flat to cup shaped set singly the full length of the arching canes. Color very noticeable and varying in shades of yellow from deep gold to canary. Extra large nice bushes, \$2.50; smaller bushes, \$1.25.

**HARRISON YELLOW**

A fine hardy rose of single free flowering proclivities. This type of rose does not as a rule require very much pruning, only to remove the dead and superfluous wood. The bushes make fine specimen for lawn and garden and need very little protection if any to stand our severe winters. The bush bears its flowers profusely and they are a rich golden yellow in color. Field grown plants, each, \$1.25.

**PERSIAN YELLOW**

A large and a very fine double rose, which flowers most freely. The blossoms are of a deep golden yellow color being borne with great intensity with little or no pruning. This rose is also very hardy and a very vigorous grower. Field grown plants, each, \$1.25.

(It is the Harrison and Persian Yellow roses which are seen blooming so profusely around the vicinity of Mammoth Hot Springs in Yellowstone Park.)



Rose—Harrison Yellow



Rose—Persian Yellow



A Beautiful Rose Bed



Climbing American Beauty Rose

## REMEMBER

We Pay Delivery Charges  
to Your  
Nearest Postoffice or Express  
Station

SEE OUR SPECIAL ROCK GARDEN COLLECTION



# HARDY PERENNIALS

The State Nursery and Seed Co. is the largest grower of perennials in the Northwest. Our collection which affords such a wonderful and colorful display every summer and fall is the largest and best in this section and we are continually adding to this stock. With no other class of plant is it possible to have as continuous a display of bloom and beauty, with as little effort from early spring to the killing frosts of fall as with Hardy Perennials. A bed or border or foundation planting of these beautiful plants, properly selected and arranged, will produce a wealth of bloom continuously all through the summer until the killing frosts. For our climate in the Northwest there is no question but that they are by far the best class of plants for those who desire a profusion of bloom for the garden with the least expenditure of effort. Give them ordinary good soil enriched occasionally with well rotted manure and keep them watered at proper intervals, or just simply water when you can see they are dry. As soon as the first killing frosts in the fall have killed the top growth, remove the dead tops and cover the plants with a mulch of dead leaves or straw. In the spring add a good mulch of well rotted fertilizer and spade lightly into the bed around the plants; this will give them the necessary stimulus to bring out their best effort for your pleasure during the summer.

## ACHILLEA

**The Pearl**—A well known form of this flower, with handsome double flowers, blooming very early, and with good keeping qualities when used for cut flowers. Height 2 feet. Young plants each, 30c; doz., \$3.00. Large field grown clumps each, \$1.00 and \$2.00.

## AGROSTEMMA—(Rose Campion)

A free flowering plant of easy culture, with bright rosy crimson flowers and silvery white foliage. It will bloom the first season and makes a fine cut flower. Each, 30c; dozen, \$2.75.

## ARABIS ALPINA—Rock Cress

A very early flowering carpet-like plant valuable for rockery and edging. It forms a dense carpet, and is literally covered with white flowers. Each, 30c; per doz., \$2.75.



## HARDY ASTERS—Michaelmas Daisies

These beautiful hardy perennials must be seen to be appreciated. Growing from 2 to 3 feet high they are covered late in the fall with myriads of single blooms, and exceedingly useful for cut flowers.

**Perry's White**—One of the finest whites on the market.

**Lillian Fardell**—Rosy pink.

**Lady Lloyd**—A very fine clear rose pink.

**Climax**—A fine deep blue.

**Feltham Blue**—Considered one of the best.

**Præcox**—Rosy purple.

**F. W. Raynor**—Fine pink; growing about 2 feet high, very bushy habit.

Each of the above, 30c; doz., \$2.75; large field grown clumps, each, \$1.00 and \$2.00.

## ALYSSUM SAXATILE—Gold Tuft

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers in May and June. Height one foot. Strong young plants, each, 30c; per dozen, \$2.75.

## ANCHUSA ITALICA

**Dropmore Variety**—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. Height 3 feet. One of the very best hardy perennials of its color. Strong young plants each, 30c; doz., \$2.75.



Anchusa in Our Nursery

## ARTEMISIA

**Lactiflora**—A very effective and most desirable plant either for the border or as a plant among shrubbery. Height about four and one-half feet. Fine foliage and large panicles of Hawthorne scented creamy white flowers which fill the garden with fragrance. A splendid and graceful cut flower. Each, 30c.



Aquilegia

## AQUILEGIA—Columbine

### Our New Long Spurred Hybrids

The value of Columbines for bedding purposes, their beauty for use as cut flowers and their hardiness and ease of growth, recommend them as one of the best of the perennials. We have been selecting flowers of the long spurred varieties until we believe we have some of the very best of this class of flower. Our strain contains the following shades; white, blue, blue and lavender, scarlet and red, and pink and rose shades. Strong young plants, each, 30c; per doz., \$2.75. Large field grown clumps, each, \$1.00, \$2.00.

We are pleased to make suggestions along any line pertaining to our business



**AUBRETIA—Rainbow Rock Cress**

Very pretty dwarf growing plants suitable for the rockery or for edging. They form masses of silvery green foliage and masses of flowers in spring and summer. Each, 30c; per doz., \$3.00.

**BLEEDING HEART—(See Dielytra, Page 29)****BOLTONIA—(False Chamomile)**

Among the most showy of our hardy perennial plants, with large single flowers, resembling a single Aster, and borne in great profusion. Three to four feet.

**B. Asteroides**—Pure White.

**B. Latisquama**—Pink tinged, lavender.  
Each, 30c; doz., \$2.75.

**CERASTIUM TOMENTOSUM—(Snow in Summer)**

A very desirable plant for covering as with a white carpet, dry, sunny places. Low growing with white foliage and flowers. Very fine for planting on graves. Young strong plants, each, 30c; per doz., \$2.75.

**CAMPANULA—(Canterbury Bell)**

*Campanula Media* (See Color Plate)

Our Campanulas during the past two seasons were exceptionally fine and were greatly admired by nurserymen from far and near. If the wilted flowers are kept picked off they will keep in flower all summer. Campanulas love a good rich soil and a half shady location. As border plants they are indispensable. Stake all the taller varieties.

**Media**—Single in colors of dark blue, white, light blue and rose.  
Each 50c; doz., \$5.00.

**Calycanthema** (Cup and Saucer Canterbury Bells)—They differ from most of the varieties in that the calyx is the same color as the flower, giving it the appearance of the cup and saucer.

We offer them in the following shades: Delicate rosy pink, dark blue and pure white.

The above in 4 inch stock—all extra quality, 50c; doz. \$5.00.

**Pyramidalis** (The Chimney Bell Flower)—Blue salver-shaped flowers, 3 to 5 feet. Each, 30c; doz., \$2.75.

Plan That Rock Garden Now

OUR ROCKERY COLLECTION IS COMPLETE

**CANDYTUFT, HARDY—(See Iberis, Page 31)****CENTAUREA**

**Centaurea Montana**—The Perennial Cornflower. A very handsome hardy perennial, bearing blue and white flowers, growing about 18 to 24 inches.

Mixed—blue and white, each, 30c; doz., \$2.50.

**CHEIRIANTHUS**

**Cheiranthus Allioni** (Siberian Wallflower)—A beautiful rock plant, dazzling fiery orange flowers on stems about a foot high. Best used as a biennial. Each, 30c; doz., \$2.75.

**COLUMBINE—(See Aquilegia)****CCREOPSIS**

**C. Lanceolata Grandiflora**—A popular plant everywhere. It bears golden yellow blooms in great profusion, valuable for cut flowers, and lasting well into fall. Two feet.

**C. Lanceolata Grandiflora Fl. Pl.—Semi-double**—A fine addition to the herbaceous perennials. Produces rich golden flowers on wiry stems in great profusion.  
Strong young plants, each, 30c; doz., \$2.75; large field grown clumps, each, \$1.00 and \$2.00.

**CRESS—Water**

Cress, (water). While this hardy perennial aquatic plant really thrives the best along a running stream, it will prove a sturdy and successful grower if kept in very moist soil. Water cress is becoming more popular each day as a table delicacy and its spicy mellow tang can be found in no other edible plant. Try a plant or so in your Lily Pool, where they will thrive to perfection. Potted plants, each, 30c; dozen, \$2.75.



*Shasta Daisies—Alaska*

**CHRYSANthemum MAXIMUM—Shasta Daisy**

Among summer flowering perennials these are perfect gems. The growth of dark green foliage is of attractive formation covered profusely with flower stems bearing pure white flowers about 2½ inches in diameter. Blossoming develops in September and continues through till hard frost. A real garden favorite which can be relied upon to provide cut blooms of lasting quality.

**C. Maximum King Edward VII.**—A splendid daisy. Beautiful for cut blooms, two or two and a half feet high.

**C. Shasta Daisy—"Alaska"**—(Burbank's Improved) Something new in Shasta, and very fine.

**HARTJE AND ELDER'S HARDY DAISIES**

A very useful early form of the Shasta Daisy. Very free flowering hardy perennial excellent for cutting and absolutely hardy.

Strong young plants, each, 30c; doz., \$2.75; large field grown clumps, each, \$1.00 and \$2.00.

Your Perennial Collection is not complete without  
A BED OF IRIS

Every Home Should Have a Lily Pool—See Our Aquatic Collection



**DELPHINIUM—(Perennial Larkspur)**

Few plants are as stately and decorative in the garden as the perennial Larkspur. Our basic stock is from Kelways and Watkins and Simpson's famous strains and we have selected and reselected these plants for type, vigor, style and decorative value until they are as near perfect as it is possible to produce them. There are many species in cultivation, but the most important are the tall hybrids, of which there are many varieties with a wonderful range of color. They are valuable for their great variety in height varying from 1 to 6 feet; their color also ranges from the palest lavender through every conceivable shade of blue to deep indigo. They thrive under any of the climatic conditions found in the Northwest and in any of the natural soils. A good deep rich soil will repay with larger flowers. The flowers should be removed before the seed pods form and the plants will bloom later in the season again.

**Bella Donna**—Torquoise blue.

**Bellamosum**—Dark blue form of Belladonna. Very free from mildew.

**W. S. McClellan**—Tall, with semi-double flowers, very dark violet, shaded white in center.

**Geraldine Kelway**—A tall variety with pale azure-blue flowers, single.

**S. N. & S. CO.'S MIXED HYBRIDS**

After several years of selecting and re-selecting we have obtained some really exceptional varieties which we are positive cannot be surpassed for size and colorings.

Strong young plants, each, 30c; doz., \$2.75. Large field grown clumps, each, \$1.00 and \$2.00.

**REMEMBER**

Our Prices

Bring

These

Plants

Right to

Your

HOME



Selecting Types of Delphinium for Seed purposes in our Nursery

**DIANTHUS BARBATUS—Sweet William**

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms. During the period of their blooming the foliage is completely hidden by masses of attractive blossoms.

**D. Latifolius Atracoccineus**—(Everblooming Hybrid Sweet William). A brilliant summer bedding variety producing masses of brilliant, fiery crimson flowers throughout the entire season.

**Holborn Glory**—This is a large flowered selection of the auricul-eyed section, the most beautiful and admired of all Sweet Williams.

**Scarlet Beauty**—A very effective rich deep scarlet.

**Pink Beauty**—One of the prettiest among the Sweet Williams. Each, 30c; doz., \$2.75

**DIANTHUS—Hardy Pinks**

One of the finest flowers for perennial borders. Very hardy and free blooming.

**Red Montana**—A beautiful example of type, flowers large and borne in clusters, deep red in color. A very vigorous grower and the stems are long, making excellent cut flowers. Each, 50c.

**Hardy Grenadine Carnations or Hardy Old Fashioned Pinks**—Beautiful shades of red and white. Prolific bloomers. Each, 30c; extra large plants, \$1.00.

**Dianthus Plumarius (Clove Pinks)**—Flowers are pink, purplish and white and very fragrant, they are borne on long spikes. The plants are very suitable for border work or for rock gardens, blooming continuously throughout the summer if the flowers are cut off when they begin to fade. Each, 30c; doz., \$2.75.

**DIELYTRA—Bleeding Heart**

An old fashioned favorite. Its long racemes of graceful heart shaped pink flowers are always attractive. It is perfectly at home in any part of the Hardy border and is especially useful for planting in the shade.

Each, 75c. Extra large field grown clumps, each, \$2.00.

**DIGITALIS—Foxglove**

While in bloom these dignified and stately stalks, with their luxuriant foliage, seem to dominate the whole garden.

**Gloxinaeflora**—A beautiful strain of finely-spotted varieties in beautiful colors of white, purple, rose and lilac.

**Giant Shirley**—This variety is of extraordinary size and vigor, growing from 5 to 6 feet tall. Colors range from white and shell pink to deepest rose. Price of the above, each, 50c; doz., \$5.00.

**DORONICUM EXCELSIUM**

(Leopard's Bane)

Splendid for cut flowers, having a good long stem, and will last long time in water. Will thrive almost anywhere. Pretty orange yellow. Very early.

Strong young plants, each, 30c; per doz., \$2.75.



Digitalis—Foxglove



Dianthus "Red Montana"

Bring Your

LANDSCAPE

PROBLEMS

TO US

CHECK OUR IRIS COLLECTIONS BEFORE MAILING YOUR ORDER



**GAILLARDIA—Blanket Flower**

One of the most beautiful of perennial plants and most popular for cutting. The center of the blossom is a dark reddish brown with beautiful markings of brilliant crimson, orange and vermillion, and occasionally a combination of all in the one flower. Each, 30c; per doz., \$2.75. Large field grown clumps, each, \$1.00 and \$2.00.

**GEUM**

**Mrs. Bradshaw**—18 inches high. A splendid new variety with large double flowers of a fiery red, blooming nearly all summer, very attractive.

**Lady Stratheden**—A new introduction of great merit, rich golden yellow blossoms—fine for hardy garden. Either variety, each, 30c.

**GYPSOPHILA—Baby's Breath**

The Gypsophilas with their attractively arranged masses of minute flowers, should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.

**Paniculata**—The popular old-time Gypsophila much admired for its feathery appearance. Price, each, 30c. Large field grown clumps, each \$1.00 and \$2.00.

**Paniculata Flora Plena**—Here is a variety we strongly recommend. Its minute double flowers blend so beautifully with cut blooms that flower lovers cannot afford to be without a clump in their garden. Each, 75c.

**HELENIUM—Sneeze Wort**

**Riverton Beauty**—Striking colored blooms, lemon yellow and purplish black.

**Riverton Gem**—Old Gold, changing to wallflower red. Price, each, 30c.

**HELIANTHEMUM—Rock or Sun Rose**

Low growing evergreen plants, forming broad clumps, and which during their flowering season, July to September are hidden by a mass of bloom, excellent for border plants or for the rockery or dry sunny banks. Each, 30c.

**HELIOPSIS—Orange Sunflower**

A valuable addition to the hardy border, for cut flower purposes, blooming earlier than the sunflowers, and rarely exceeding three feet.

**H. Pitcheriana**—Flowers about two inches in diameter, double, of a deep golden yellow. Continuously in bloom the entire summer. A splendid cut flower. Each, 30c; doz., \$2.75.

**HEUCHERA****Coral Bells**

**Heuchera—Coral Bells or Alum Root**—A splendid hardy perennial, with flowers of a bright red coral color. Excellent for cutting. Each, 30c.



A bunch of our  
Peony Blueblooms

**IBERIS—Hardy Candytuft**

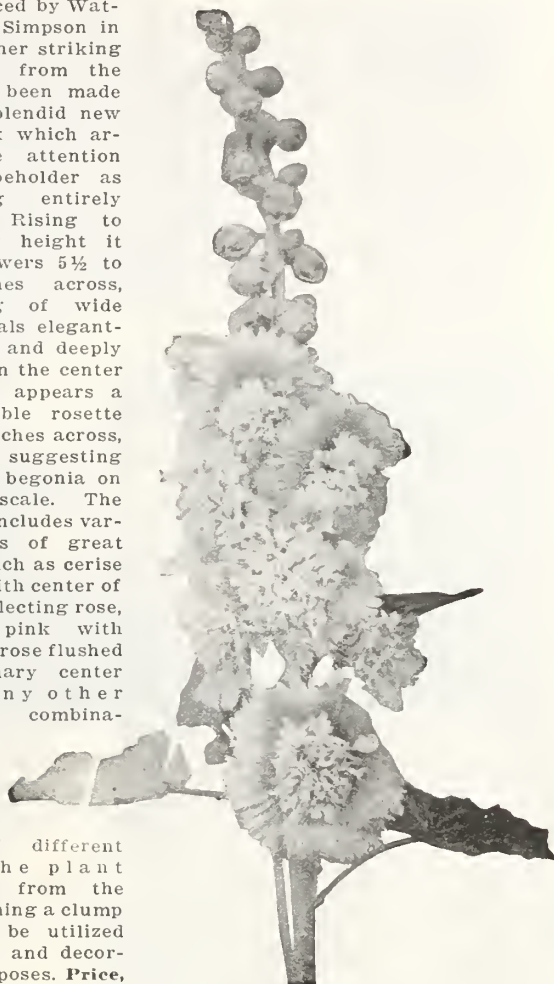
A most desirable hardy dwarf evergreen plant flowering very early in the spring, and literally covering the foliage with dense heads of bloom. Ten inches.

**Iberis Sempervirens**—Pure white, innumerable flat heads of bloom.

**Iberis Gibraltaria**—A very free flowering variety with white flowers shading to lilac. Each, 30c; doz., \$2.75.

**HOLLYHOCKS****The New Double Hollyhock "Imperator"**

Introduced by Watkins and Simpson in 1928 another striking departure from the type has been made in this splendid new Hollyhock which arrests the attention of the beholder as something entirely original. Rising to a stately height it bears flowers 5½ to 6½ inches across, consisting of wide outer petals elegantly frilled and deeply fringed, in the center of which appears a very double rosette about 2 inches across, the whole suggesting a crested begonia on a giant scale. The coloring includes various tints of great beauty, such as cerise salmon with center of cream reflecting rose, delicate pink with center of rose flushed with canary center and many other charming combina-



Hollyhock—Imperator

tions of different tints. The plant branches from the base forming a clump and can be utilized for vases and decorative purposes. Price, each, 45c.

**STANDARD VARIETIES**

Never before have we had such fine plants to offer in this most beautiful of the tall growing perennials. The variety we offer produces colossal spikes of blooms in the very choicest of colors, which last until hard frost cuts them down. Used as individuals well back in the hardy border or dotted here and there amongst a bed of hardy shrubs which they brighten with their brilliant spikes of gorgeous color, or as a hedge at the rear of a bed of hardy perennials they cannot be surpassed.

The strain we offer must be seen to be appreciated, for the flowers are not only exceptionally large but the petals seem as if made of the finest china silk. Give them a well fertilized soil with well rotted manure deeply spaded, sufficient drainage together with plentiful supplies of water during the growing season, and success is assured in any location.

All plants come with a ball of earth from 4 inch pots and are good, strong stock that will give excellent results. All have gone into the winter in excellent shape. We can supply the following colors:

WHITE  
DEEP ROSE  
CRIMSON  
MAROON

PINK  
YELLOW  
SALMON  
BLOOD RED

From 4 inch pots, each, 35c; doz., \$3.50.

**LATHYRUS—Everlasting Sweet Pea**

This is a hardy perennial vine, growing to a height of about 3 to 4 feet, and after it once becomes established makes a thick screen or hedge if given support. They are very free bloomers, bearing flowers much resembling Sweet Peas, hence the name—“EVERLASTING SWEET PEA.” Of very easy culture, and will succeed anywhere. In colors of red, white and pink. These plants which should bloom this season are all strong bushy stock from 4 inch pots and are well worth the money. Each one year old plants, 30c.

**LYSIMACHIA—(Loose Strife)**

A free growing perennial of easy culture, adapted to moist soil and shady places and very appropriate for rock gardens. Flowers are borne in spikes and are pure white in color. Each, 30c; dozen, \$2.75.

**LYSIMACHIA—(Creeping Jenny or Moneywort)**

A well known evergreen trailer bearing yellow flowers from June to August. Used for planting spots under trees, etc. where grass will not grow. Thrives anywhere, and is very hardy. Each, 30c; dozen, \$2.75.

**HOLLYHOCKS WILL COVER THE SUNNY SIDE OF THAT WALL OR FENCE WITH A BEAUTIFUL DISPLAY**



**IRIS—Fleur-de-Lys**

From the standpoint of vigor the Iris is the ideal plant for the Northwest. No other plant is hardier, or will delight in hot, dry weather as the Iris. Any kind of soil seems to suit this plant provided it is not in low situations, and there is no other plant more sure to furnish a mass of delightful blooms year after year than the Iris.

Our Iris must not be confused with previous old standard types. The newer varieties are more fragrant, richer in color and of a more distinct form, in fact, in no other plant of modern times has there been such a tremendous improvement. All the varieties listed require a sunny, dry location and all the care they require is frequent cultivation to keep out the weeds.

In the descriptions that follow "S" indicates the "Standard" or upper petals and "F" the "Falls" or lower petals. Plant in the fall to obtain best results.

**Opera**—This is one of the richest violet-toned bicolors. It is quite deservedly one of the most popular varieties. Each, postpaid, \$1.00.

**Lent A. Williamson**—Rated in 1922 by the American Iris Society as the finest Iris in the world. (S) Campanula blue (F) rich royal purple with yellow beard. Very tall and distinct. Each, 75c.

**Lord of June**—(S) Light lavender blue. (F) Deep lavender blue reticulated brown at base. Tall plant with very large blooms. Each, 75c.

**Ambassadeur**—One of the very finest and most showy of Irises on the market. The plant is a tall, well branched, and very robust grower producing flowers of exceptional substance. The "Standards" are lavender and the "Falls" deep red violet with a rich orange beard. Ambassadeur and Mother of Pearl are the two outstanding Irises of today. Each, 75c.

**Mother of Pearl**—Standards and Falls pale bluish lavender, with a faint creamy under-tone. Large flowers of perfect form and exceptional substance. The creamy under-tone often assumes the luster and iridescence which we see in the beautiful lining of many sea shells which produce Mother of Pearl. The plant is tall, a vigorous grower, and a profuse bloomer. Each, 50c.

**Marsh Marigold**—A good Iris which blooms in midseason (S) good deep yellow. (F) reddish-purple with a yellow border to match standards. Each, \$1.00.

**Prospero**—A very good tall Iris, blooming in midseason. (S) pale lavender. (F) Rich deep violet purple, slightly lighter at margin. Each, \$1.00.

**Madame Gaudichan**—A rich deep velvety purple Iris of fine shape and finish. Tall, early, and very distinct. One of the most striking and remarkable of all. Each, \$1.50.

**Phyllis Bliss**—A good pale rose lavender. Blooms in midseason. Each, \$1.00.

**Dalila**—A most excellent variety. (S) White, slightly tinted with lilac. (F) Rich violet red with some white and brown veins at base. Orange beard. Each, 50c.

**Queen of May**—This is the Queen of the Iris. It is beautiful beyond description. (S & F) a light lilac pink. This variety is the nearest to pink in Iris. Each, 50c.

**Pamila Cyanea—Dwarf Iris**—Rich dark purple. Does not grow over a foot high. Very prolific bloomer. Each, 25c.

**Madame Chereau**—(S & F) White. The glory of this wonderful Iris lies in its ruffled edge of turquoise blue. The base of the petals has a waxy snow crystal appearance, which makes it very attractive and decorative. Excellent for cut flowers as its blossoms are borne on long slender stems. An introduction from Southern France. Each, 50c.

**COLLECTION NO. 1**

**Dorothy Nell**—(S) White, (F) White veined violet. An exceptionally fine variety, producing flowers on good stems, somewhat later than most sorts. A general favorite.

**Black Prince—(Koehi)**—(S) purple lilac; (F) rich velvety black.

**Prosper Laugier**—(S) Light bronze-red. (F) Velvety ruby purple with white beard. Yellow tipped. Very handsome. Vigorous grower.

**Florentina Alba**—(S & F) Creamy white flushed with lavender. Very fragrant.

**Iris King**—(S) Orange to copper yellow; (F) Cherry red shading to maroon with narrow yellow edge. Yellow beard with yellow stripes at base of petals. Attracts the attention of every visitor to the gardens. A very brilliant large flower on 24 inch stems.

**Plumeri**—(S) Coppery rose; (F) Velvety claret. Tall.

**Purple Queen**—(S & F) Large deep purple. Very early.

**Gypsy Queen**—(S) Old gold shaded with pearl; (F) Black maroon, reticulated with light yellow. Late, twenty-four inches.

**Walhalla**—(S) Lavender; (F) Violet purple. An early strong grower and free bloomer.

**Cordelia**—(S) Rosy lilac; (F) rich crimson purple. A very handsome late flowering variety. One of the best.

Any of the above, each, 30c. The Whole Collection of 10, \$2.50.

**COLLECTION NO. 2**

**Her Majesty**—(S) Lovely rose-pink; (F) Bright crimson tinted with a brighter shade. A most beautiful variety.

**Quaker Lady**—(S) Smoky lavender with yellow shadings. (F) Ageratum blue and old gold.

**Rhein Nixe**—(S) White; (F) Violet blue with white edge. Tall and large, strong grower, very fine.

**Lorelei**—(S) lemon yellow; (F) Ultramarine, blue bordered cream, a profuse bloomer that shows off to perfection in the sun's brightest hours.

**Flavescens**—A delicate shade of soft yellow. A vigorous type.

**Monsieur**—(S) Bluish lavender; (F) Violet with white pencilings at throat. Flowers of immense size and great substance.

**Gertrude**—Deep violet blue. Very fragrant.

Any of the above, each, 35c. Any 6 of the above, our selection, \$1.75.

The whole collection—Seven different varieties, \$2.00.

**HARDY LILIES—(See Color Plate)**

Hardy lilies are becoming quite popular and are being extensively used for planting in solid beds or as groups.

**Hemerocallis Pulva—(Tawny Day Lily)**—This variety grows from 4 to 5 feet high, bearing profusely trumpet shaped flowers of a neutral orange color, with darker shadings. Blooms in June and July.

Strong young plants, each, 35c. Large field grown clumps, each, \$1.00 and \$2.00.

**Tiger Lily**—Very large flowers, orange and black. Very floriferous, perfectly hardy, and should be in every garden. Each, 30c; dozen, \$2.75.

**L. Candidum**—Madonna, St. Joseph's or Annunciation Lily. Large white, fragrant and perfectly hardy. Each, 60c.

**L. Rubrum**—Rosy pink with Amaranth spots and reflexed petals. Each, 50c.

**L. Auratum**—Golden banded Japanese Lily. Prices, each, 50c; dozen, \$5.00.

**Easter Lily**—Has proved hardy, with protection, in our garden. Each, 35c.

The Rubrum, Auratum and Easter Lilies should be given some protection during winter. A covering of leaves or a layer of clean straw will suffice.

**Lilium Regale**—A magnificent lily from China, vigorous, 3 to 5 feet high, bearing one to several handsome white fragrant flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. It is a hardy lily and is one of the finest novelties offered in many years. It seems to thrive on any good, well-drained soil. It is today the most popular hardy lily in our country. Flowering size bulb, each, 60c.

**Lily of the Valley**—Roots (pips) of this great favorite. Three for 35c; dozen, \$1.25.

• IRIS WILL STAND LOTS OF PUNISHMENT—TRY THEM IN THE LEFT OVER FLOWER BED





BUDDLEIA



SPIREA ANTHONY WATERER



BEAUTYBUSH

FOR DESCRIPTION AND PRICES SEE  
SHRUBBERY SECTION



FLOWERING ALMOND



HYBRID FRENCH LILACS



WEIGELA ROSEA



SNOWBERRY

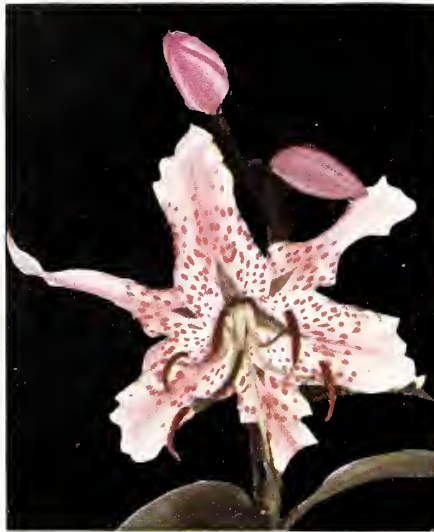


SPIREA VANHOUTTEI





LILIUM REGALE



LILIUM RUBRUM



LILIUM AURATUM

### Three Famous Lilies

Lilium Regale — Large Bulb  
at 60 cents each

Lilium Rubrum — Large Bulb  
at 50 cents each

Lilium Auratum — Large Bulb  
at 50 cents each

Collection of the above  
Three Lilies

**\$1.35**



JULES SANDEAU, ETHEL PRITCHARD, VON HINDENBERG PHLOX

### Three Phlox Aristocrats

Fine plants from 3"  
pots that will add  
beauty and grace  
to your peren-  
nial garden

PRICE EACH 50 CENTS

Collection of the above  
Three Varieties

**\$1.35**



CHINESE LANTERN

### Our Canterbury Bells

are made up in large 4" plants  
that will bloom this summer.

They may be had in the  
following colors:

Pink White Lavender  
Dark Blue and  
Light Pink

Each 50c. Dozen \$5.00

No garden should be with-  
out the colorful

### Chinese Lantern

Each 30c



CAMPANULA





**Lychnis Chalcedonia** (Ragged Robin or Jerusalem Cross)

**Lychnis Alba**—A beautiful pure white form of the above, and a splendid companion to it.  
Either variety—Strong young plants, each, 30c; doz., \$2.75.  
Large field grown clumps, each, \$1.00 and \$2.00.

### LYTHRUM ROSEUM—(Loosestrife)

A very pretty, hardy perennial, growing from 2 to 3 feet high and bearing spikes of rosy-pink flowers in great profusion from July to September. Each, 30c.

### NEPETA

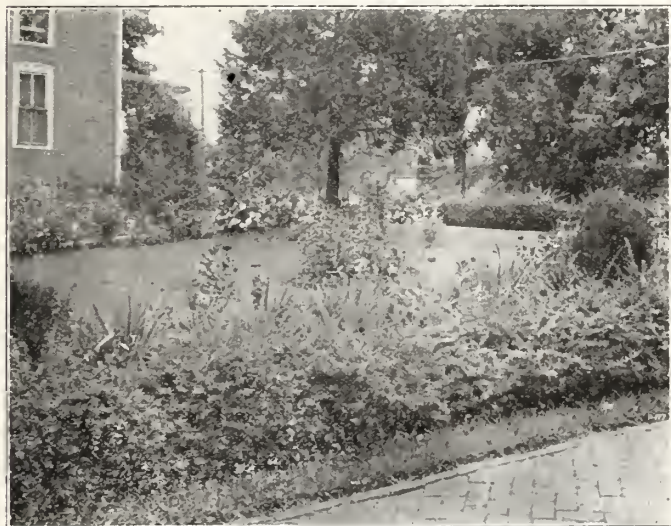
**Mussini**—An excellent plant for any position but especially good for edging and rockeries. It is of compact habit forming dense tufts about twelve inches high with masses of light violet blue flowers. Each, 30c; doz., \$3.00.

### OLD MAN

**Old Man or Southern Wood**—Dark green finely cut foliage with pleasant aromatic odor. 2 feet high. Each, 35c.

### PENSTEMON

The stock we list is Watkins & Simpson's Excelsior strain of world-wide reputation. As bedding plants they rank in importance with petunias and the phloxes. They grow from eighteen inches to two feet high, bearing ten to twelve inch long spikes of gloxinia-like flowers throughout the summer and fall. The colors are pastel like in appearance and come in a variety of shades that are exceptionally beautiful. Each, 50c; doz., \$5.00.



A Pretty Yard of Perennials

### OUR HARDY PERENNIAL PHLOX

Among all the hardy perennials there are none more showy than this class of flower. For years we have specialized in the new and improved types with the result we have today a collection that has no equal in the Northwest. Phloxes are indispensable subjects for the herbaceous border, producing a continuous display throughout the summer and autumn months. Once planted they last for years and can always be relied upon to give their full share of blossoms. As a general rule they may be kept undisturbed for three or four years, after which time the clumps should be divided and reset. Phloxes withstand heat and extremes of cold and all varieties do particularly well in all sections of the Northwest. For growth and vitality our Northern grown stock cannot be surpassed.

**Phlox Subulata**—Often times called Mountain Pinks—An early flowering type with pretty moss like evergreen foliage, which during the flowering season in May and June is hidden under the masses of bloom. Unexcelled for the rockery and for border purposes. Each 30c.

### LYCHNIS

**Lychnis Chalcedonia**—A fine old fashioned flower bearing large heads of brilliantly colored flowers that give color to the hardy border during summer and autumn. Very hardy and a plant that should be more generally grown. Visitors to the Nursery this Summer were attracted by its striking appearance. (3 feet high.)

### PHLOX—Continued



**Phlox—Miss Lingard**

**Von Hindenburg**—This is a comparatively new variety and is already a great favorite. Creates a great many spikes and grows from 24 to 30 inches high. Its color is a brilliant deep crimson red with slightly darker eye. (See color plate). Each, 50c.

**Ethel Pritchard**—A beautiful rose mauve and one of the extra fine new sorts. (See color plate). Each, 50c.

**Jules Sandeau**—A magnificent variety, of moderate height. Flowers are extremely large and are a soft lilac pink color. (See color plate). Each, 50c.

**Elizabeth Campbell**—The peer of all pink phlox. Soft rose pink with lighter shadings and with a dark rose colored eye. The individual florets are immense in size with extra large trusses—very handsome and attractive. A scarce and much sought after variety. Each of above four varieties, 50c, doz., \$5.00.

**Miss Lingard**—One of the easiest to grow and still one of the very best whites on the market. The flowers are borne in large trusses which resemble the large flower heads of *Hydrangea Paniculata*. Splendid foliage and habit—blossoms two weeks ahead of other varieties. Exceptionally good for cut flowers.

**Beacon**—An outstanding variety. Excellent size and habit. Color, an unmixed ripe cherry red.

**B. Comte**—Brilliant, rich and highly pleasing to the eye. French purple, amaranth red, or wine color.

**Bridesmaid**—A pure white with large crimson-carmine eye. A beauty.

**La Vague**—Warm mauve with emphatic carmine eye. A great improvement over older varieties of similar color with immense conical heads borne in great profusion.

**J. G. Von Lassburg**—Splendid pure white, very free bloomer and medium early. The purest and largest white on the market.

**Milly**—(Miss Milly Van Hoboken)—A gem with immense trusses of large flowers. Color a good bright pink with soft mauve suffusion.

**Firebrand**—One of the newest varieties. Very bright red with deeper center. Trusses large. Very strong and robust habit. One of the best.

**Thor**—A splendid grower, never giving trouble, always full of bloom. It is one of the best of the salmon pink sorts.

**R. P. Struthers**—Bright rosy-carmine, with claret-red eye.

**Rheinlander**—One of the newer varieties of great beauty. A rare shade of salmon pink intensified by a distinct claret-red eye. Flowers and truss of unusual size.

Any one of the above 11 varieties, each, 30c; doz., \$2.75. We have most of the varieties in large three-year-old clumps from the open field, each, \$2.50.



**PHYSALIS—Chinese Lantern Plant**

**Francheti**—An ornamental variety of the Winter Cherry, forming dense bushes about two feet high, producing freely its bright orange-scarlet lantern like fruits, which can be cut and dried. Used extensively for floral decoration during the winter months. Each, 30c; larger clumps, each, \$1.00.

**PHYSOSTEGIA—False Dragon—Virginia Heather**

One of the most beautiful of the Hardy Perennials forming dense clumps four to five feet high, with long spikes of tubular pink flowers like a gigantic Heather and very valuable for cut flowers. Fine for cool situation, very useful for borders. Each, 30c; doz., \$2.75.

**HARDY PINKS (See Page 29)**

A novel planting surrounding the bird bath. The Iris rise stately but daintily above the bath and their orchid like beauty is reflected in this miniature marine scene. Photo taken in the lovely garden of Mrs. T. E. Mills.



A Beautiful Iris Border—See Page 32 for Iris

**ORIENTAL POPPIES**

These really wonderful Perennial Poppies with their rich and gorgeous coloring stand out during their flowering season pre-eminently above all other flowers. Their large blooms—perhaps the largest of any of the hardy perennials—with their brilliant colors will attract the attention of any flower lover at a great distance. They are of the easiest culture, almost any kind of good soil suits them, though they prefer a rich deep loam. Give them water freely—especially during the flowering period.

**Princess Victoria Louise**—Salmon pink.

**Goliath**—A large flowered bright scarlet of strong growth.

Strong young plants, each, 30c; doz., \$2.75; large field grown clumps, each, \$1.00 and \$2.00.



True Oriental Poppy—(Papaver Orientale)

**ICELAND POPPIES—Papaver Nudicaule****Iceland Poppies**

One of the very first of hardy perennials to bloom in the spring and to continue a mass of bloom for months. Our Sunbeam varieties always attract the attention of visitors.

**New Sunbeam Varieties**—This particular strain is a great improvement on the older varieties. They are the very first flowers to show their bright and rich colors in the spring and continue in bloom for months. The colors are a rich, deep orange, lemon and white. Fine for cut flowers. Each, 30c; doz., \$2.75.



Pyrethrum—(See Page 35)

**Our LITTLE PRUNING BOOK**  
Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc.  
Each, Postpaid 35c

All prices on trees, shrubs and plants include delivery to your nearest express station and post office.

A FEW POPPIES SHOULD GRACE EVERY PERENNIAL GARDEN



**PYRETHRUM**

Too much cannot be said about this superb perennial, which will thrive under almost any conditions. Splendid for cutting, lasting a week in good condition.

**Pyrethrum Uliginosum—(Giant Daisy)**—This hardy perennial grows from 3 to 4 feet high and produces in great profusion large daisy-like flowers. Very showy and fine for cutting. Strong plants each, 30c; per doz., \$2.75.

**Hybridum, Mixed (Single)**—In the choicest shades of red and pink. June flowering. Strong young plants, each, 30c; large field grown clumps, each, \$1.00 and \$2.00.

**PLATYCODON**

**Balloon Flower—or Japanese Bell Flower.**

The Platycodons are closely allied to the Campanula or Canterbury Bells. They form neat branched bushes of upright habit, growing about eighteen to twenty-four inches in height. They bear blue or white flowers in great profusion from July to September or October. A splendid plant for the hardy border. Each, 30c.

Collection of Eight  
Perennials—Our  
Selection \$1.85 or  
Twelve Perennials  
Our Selection, \$2.55

**SAPONARIA**

**Ocymoides**—A very pretty border and rockery plant. During the summer months it produces a mass of small bright rosy pink flowers. Price, each, 30c.

**SEDUM SPECTABILE—Live For Ever**

One of the prettiest erect growing species of the "Stone Crop" family. It attains a height of 18 inches with broad light green foliage, and bears immense showy heads of rose colored flowers. One of the best plants to stand dry weather. Fine for the border garden and especially useful for cemetery work. Each, 30c.

**RUDBECKIA—Golden Glow**

**Golden Glow**—Is too well-known to need a lengthy description. Perfectly hardy, and will succeed anywhere. Its rich golden yellow colored spikes of flowers reach a height of 4 feet. Each, 30c.

**PRIMULA—Hardy Primrose**

**Auricula Alpha**—One of the treasures of the rock garden. Attractive growth, rosette of thick leaves. Flower stalks rise to a height of 6 to 8 inches bearing heads of bloom of various colors. 4 inch stock, 50c.

**Primula Polyanthus (Bunch Primrose)**—Indispensable for the flower bed and rock garden. Bears flower stems a foot high under partly shaded conditions with good rich soil. Each, 50c.

**Primulus Polyanthus Veris Hybrids**—With colors ranging from lilac purple and violet to buff orange and red. 3 and 4 inch stock, 35c.



S. N. Co's. Flowers Beautify the Backyard  
of E. M. Sybert, Livingston, Mont.

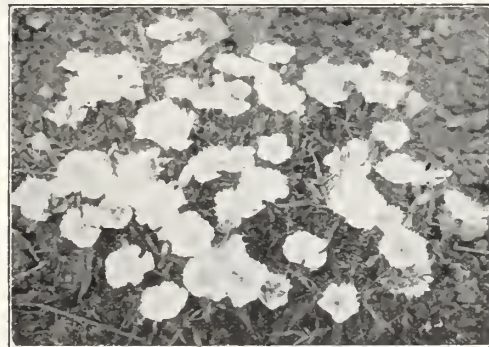
**SCABIOSA JAPONICA**

One of the handsomest of the hardy perennials, bearing on long wiry stems beautiful artistic lavender blue flowers. A fine cut flower, 18 to 24 inches. Each, 30c; per doz., \$2.75.

**Blue Bonnet**—Dwarf compact perennial variety of this ever popular flower. Price, each, 30c.

**STATICE—Great Sea Lavender—Limonium**

**S. Latifolium**—A noble plant for the hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months. We cannot recommend this valuable hardy perennial too highly, not only for its appearance in the hardy border, but also for the wonderful keeping and decorative qualities when cut and dried. Each, 30c; field grown clumps, \$1.00 and \$2.00.

**SHASTA DAISY—See Chrysanthemum Maximum—Page 29.**

Hardy Pinks

**SWEET WILLIAM—See Dianthus—Page 30**

Double Annual Poppies in our Trial Grounds

**JERSEY'S BEAUTY**

The  
Pink Dahlia  
That Should  
Be In Every  
Flower  
Garden.  
Be Sure To  
Include One  
In Your Order

For  
Description  
See Page 8



**SWEET ROCKET—Hesperis**

A perennial that will succeed in any location, producing large spikes of blossoms varying from white to lilac. The plant is of a bushy nature and grows from 3 to 4 feet high, producing flowers very suitable for cutting. Price, each, 25c; per dozen, \$2.25.



Sweet Rocket—(Hesperis)

**THALICTRUM DIPTEROCARPUM—Meadow Rue**

This beautiful hardy plant is too little known. It is a real gem for the hardy border, and its graceful sprays of Violet flowers brightened with a bunch of yellow stamens, are invaluable for cutting. 4 feet. Each, 50c. Field Clumps, \$2.00 each.

**TRITOMA**

**Red Hot Poker  
or Torch Lily**

(See Front Cover)

A very handsome and showy border plant with rush-like foliage producing single fiery cones at the tops of thick smooth stems, a yard or more in length. The blossoms are unique in shape, the lower petals being tinged with orange ultimately becoming a brilliant flame red at the top. Flowering season July to September. Must be carefully protected, or lifted and carried dormant in dry sand or earth during winter. Each, 50c.

S.N.C.C.

**VALERIANA OFFICINALIS  
Hardy Garden Heliotrope**

A fine hardy plant, with very showy heads of bright rose flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost. Each, 30c; field grown clumps, \$1.00 and \$2.00.

**VERONICA SPICATA**

This well known "Speedwell" is one of the best of the genus, bearing long spikes of blue flowers from July until the early frosts. One to two feet. Strong young plants, each, 30c; per doz., \$2.75. Large field clumps, each, \$1.00 and \$2.00.

**VINCA—Periwinkle**

**V. Minor**—Also known as Trailing Myrtle. This pretty evergreen is extensively used for covering graves, producing in the spring an abundance of blue flowers. Each, 65c.

**V. Minor Argentea Variegata**—This new introduction is of the same habit as V. Minor, equally as hardy, but has beautifully silver edged foliage. A most valuable acquisition. Each, 65c.

**VIOLA—Jersey Gem**

One of the most valuable violas yet introduced. The plants are of compact sturdy growth, bearing pure violet flowers, without shadings on good stems, thus making it a splendid subject for cutting as well as a good border plant. Will succeed in any good garden soil in a sunny location and will bloom from early spring to the end of the season. Each, 50c; three for \$1.25.

**VARIEGATED GRASS—Eulalia**

A very handsome, hardy, variegated grass which gives a touch of color to any hardy border. It's green and white striped foliage blends well with either hardy shrubs or perennials. This plant is also especially useful for hedge purposes. Each, 30c; per doz., \$3.00.

You will be interested to know that our seed demonstrating gardens are becoming known abroad. The past three seasons prominent seed growers in Denmark, Holland, Germany, France, England, Japan and the United States sent samples of their specialties for us to test.



A Beautiful Rockery and Pool at the Residence  
of T. E. Mills at the Nursery

**SPECIAL ROCK GARDEN COLLECTION**

**Saponaria—(Ocymoides)**—See catalog description page 35. Each, 30c.

**Viola—(Jersey Gem)**—See catalog description page 36. Each, 50c.

**Dianthus Plumarius—(Clove Pinks)**—See catalog description page 30. Each, 30c.

**Sedum Spectabile—(Live Forever)**—See catalog description page 35. Each, 30c.

**Arabis Alpina**—See catalog description page 28. Each, 30c.

**Helianthemum—(Rock Rose)**—See catalog description page 31. Each, 30c.

**Alyssum Saxatile—(Gold Tuft)**—See catalog description page 28. Each, 30c.

**Hardy Ferns**—See catalog description under ferns page 9. Each, 50c.

**Iris—(Pumila Cyanea) (dwarf)**—See catalog description page 32. Each, 25c.

**Aubretia—(Rainbow Rock Cress)**—A wonderful dwarf rock plant bearing masses of bright flowers in early summer. Each, 30c.

**Phlox Subulata**—Wonderful Rockery plant. See page 33. Each, 30c.

**Cerastium Tomentosum**—See page 29. Each, 30c.

**THE ABOVE DOZEN PLANTS MAY BE PURCHASED  
SINGLY OR IN A COLLECTION**

**TOTAL VALUE \$3.95. PRICE AS COLLECTION \$3.40**



# OUR HARDY ROCKY MOUNTAIN PEONIES

**JERSEY'S BEAUTY**  
A Wonderful Pink Dahlia  
See Page 8

**JERSEY'S BEAUTY**  
A Wonderful Pink Dahlia  
See Page 8

OUR "MONTANA"  
PEONY COLLECTION  
ONE RED  
ONE PINK  
ONE WHITE  
ALL NAMED VARIETIES  
OF MERIT

**\$2.10**

We cannot praise too highly our stocks of peonies. Our peony fields are at an elevation of 4400 feet and we can therefore testify to the strength and vitality of the roots due to our soil and climate. Peonies are very easily grown, and produce when established a most gorgeous effect. For those who have only limited time for the care of flowers nothing will give so much joy and satisfaction and endure so long as peonies.



A Field of Peonies in Our Nursery

OUR  
"FORT  
HARRISON"  
COLLECTION  
ANY FIVE, \$1.00  
SIZE, PEONIES

**\$4.25**

ANY  
COLLECTION  
TO VALUE OF  
\$10.00

**\$9.00**

## CULTURE

Peonies may be planted either in the Fall or Spring, but Fall planting has many advantages, the chief being that blooms usually follow the next Spring. Dig the soil deeply and well dress with well rotted manure. Bone meal is also good to work into the soil. Never allow manure at planting time to come in contact with the roots as it frequently causes club root and sickly plants that fail to bloom. When planting, cover the eyes or new buds to a depth of not more than three inches. Too deep planting causes poor growth and prevents blooming. Their chief requirements are good rich soil and a sunny position though the latter is not absolutely essential, for they thrive well in partly shaded locations. They must be given a liberal supply of water during the growing season in order to produce an abundance of large-sized blossoms of extreme beauty, and producing an effect not surpassed by any other flower.

**Asa Gray**—Large, compact flower of semi-rose type. Pale lilac sprinkled with darker lilac dots. Very distinct and beautiful. Very fragrant, medium height. Each, \$1.40.

**Baron Rothschild**—Deep rose, mid-season. Long stem. Each, 85c and \$1.25.

**Duchess De Nemours**—Crown type, early. Blooms several days after Festiva Max. Superb, cup-shaped, sulphur-white flowers with greenish reflex that lights up the entire flower. There is nothing so exquisitely chaste and beautiful as this variety in the half open bud state. Each, 60c.

**Edulis Superba**—One of the early varieties, dark rose pink with center petals of a light shade. One of the very best on the market. Each, 75c, \$1.00, \$1.75.

**Engene Verdier**—Pink, very full flower. Each, 85c, \$1.25 and \$2.00.

**Felix Crousse**—One of the largest and most beautiful reds, a great favorite. Each, \$1.25 and \$2.25.

**Festiva Maxima**—One of the largest and most floriferous whites—center petals tipped with carmine. Each, \$1.25 and \$2.25.

**Himeil—A beauty**—Cherry pink and slightly tipped with silver. Each, 85c and \$1.25.

**Lady Bramwell**—An early variety, color delicate silvery rose with light pink center. Petals tipped creamy white. Large full fragrant flowers of good form. One of the finest cut flower varieties. Each, 75c.

**Longfellow**—A bright crimson with a cherry tone. Perhaps the most brilliant of all the red peonies. A circle of golden stamens surround the central mass of petals, whilst the outer petals are slightly reflexed. Its erect habit, vivid color and long season give it rare value for any garden purpose. Each, \$3.60.

**Lord Kitchener**—Rose type; very early. A most beautiful flower, well filled out; of a brilliant cherry red color, a most dazzling hue; very free blooming, lasting. Each, \$1.50.

**Madame Emile Lemoine**—Semi-rose type; midseason. M. Lemoine thought enough of this peony to honor it with his wife's name. Enormous buds opening into extra large imbricated round flowers that completely hide the bush, each petal overlapping the other, giving the whole flower a very unusually distinctive glossy white, overlaid with a sheet of tender satiny pink, covered with minute lilac dots—when fully blown, pure white. Each, 90c.

**Marie Crousse**—Bomb type; midseason. An enormous very full globular flower on long strong stems; color soft salmon pink shaded a glossy satiny-lilac—an exquisite variety. Each, \$2.75.

**Mons Jules Elie**—Bomb type, early. The King of all peonies, and without question is M. Crousse's masterpiece. Very full flowers. Color an ideal glossy lilac-pink, shading to deeper rose at the base, the entire flower overlaid with a sheen of Silver that fairly shimmers in the sunlight, claimed by many as the largest of all peonies—when cut in the bud an excellent keeper thus fine for cut flowers. Each, \$1.35.

**Gloire de Touraine**—A beautiful velvet red sort, shaded purple having very double flowers of large size. Each, \$1.25.

**Queen Victoria**—Very early—opens up blush pink ultimately turning white. Each, 75c, \$1.00, \$1.90.

**Richard Carvel**—Very early deep red; an immense globular bomb; tall, very profuse bloomer, fragrant and beautiful. The very best of all early dark reds. Each, \$4.50.

**Rosea Magna**—Dark pink, lilac center. Each, 85c, \$1.25 and \$2.25.

**Rubra Triumphans**—A semi-double type; very early with large loose very dark crimson blooms. Each, 75c.

**Sarah Bernhardt**—Semi rose type; late midseason. Without exception the strongest growing of all peonies. Flowers of remarkable size and freshness in huge clusters, full and double and of perfect form. Large petals that are imbricated and twisted. Color apple-blossom pink with each petal silver tipped. A fragrant and magnificent flower without a fault. Each, \$1.55.

**Therese**—A very large pink Peony of perfect shape which is usually considered the best pink Peony in the world—rose type. This Peony was originated by M. Dessert, possibly the greatest Peony originator in the world. Each, \$3.25.



ANOTHER  
GLIMPSE OF  
OUR  
MAMMOTH  
PEONY STOCK

FOR EARLY FLOWERS—PEONIES



All prices on trees, shrubs and plants include delivery to your nearest express station.

## DEPARTMENT OF

**OUR LITTLE PRUNING BOOK**  
Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 35c.

# HARDY TREES, SHRUBS AND VINES

Our forty-one years in the Northwest has given us ample opportunity to study this particular division of our business. The shrubs, trees, vines, etc. listed are those which after trial have been found worthy because of their hardiness and utility in the garden.

Hardy deciduous shrubs form an indispensable section of all well balanced gardens, for in addition to their particular use as individual specimens for the decoration of lawns, they are also especially desirable as borders, and for attractive planting in cemeteries, they cannot be surpassed.

Nothing can add that home-like appearance and finish to a residence as a judicious planting of trees and shrubs.

Success in growing ornamental shrubs depends upon the selection of the kinds adapted to our condition of climate and soil, upon the proper preparation of the ground and upon the care in setting out, and the subsequent treatment. Do everything to encourage growth and cause them to mature before freezing weather in the fall. Some plants that show a tendency to start growth too early in the spring should be mulched with straw after the ground is well frozen. Do not remove the mulch too early as it will retard growth until frost danger has passed.

Shrubs that bloom early in the season should be trimmed immediately after the blooming period is over. Shrubs that bloom late in the season, or fall, should be pruned early in the spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood and enough of the surplus wood to insure a good circulation of air and sunshine to all parts of the plant and border. To those who are anxious to make an immediate showing on their grounds or property, we have a fine stock of extra large specimens of most of our trees and shrubs. If interested in this class of stock please write us for prices.

When planning on the artistic arrangement and planting of your grounds, we cordially invite you to consult our experienced staff of nurserymen who are at your service at all times to give information on the most desirable trees, shrubs and plants and to furnish cost estimates.



Some of Our Fine Specimen Shrubs  
Growing in a Helena Yard

### NOTICE

We endeavor to send out only stock that we believe will grow with proper care and attention. We should be advised BEFORE AUGUST 1 should any trees, shrubs, etc., fail to grow so that our representative may have an opportunity of calling and inspecting same. We will replace any of our nursery stock at one-half price that does not start growth by August 1.

Should your goods show any appearance of damage on arrival be sure to get your express agent to make a note of the damage on your receipt and send this to us so that we may enter a claim.

### BERBERIS THUNBERGII—(Japan Barberry)

Nothing equals the delightful barberry where a dwarf deciduous hedge is required. It is very dense and low growing and may be used as a trimmed hedge or left untrimmed. The leaves are small, light green and towards fall assume rich brilliant colors of red, orange and yellow, the fruit or berries becoming scarlet. It is perfectly hardy in all parts of the country. This variety is not a host for the wheat rust and is in big demand for border and hedge planting and for foundation arrangements. Each, 16 inch to 18 inch, 50c. Large plants 20 inches to 24 inches, each, \$1.00.



A Hedge of Japanese Barberry

### NEW RED LEAVED JAPANESE BARBERRY

*Berberis Thunbergii Atropurpurea*

It is similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubbery border, as single specimens, or for planting in clumps on the lawn, as well as for foundation plantings and for hedges, but the foliage of this new variety is of a rich, lustrous bronzy red, similar to the richest red-leaved Japanese Maples. However, unlike these and other colored shrubs in which the coloring fades or disappears entirely as the season advances, this new Barberry becomes more brilliant and gorgeous throughout the summer, and in the fall its foliage changes to vivid orange, scarlet and red shades, more brilliant and more effective than in the ordinary Japanese Barberry. In this coloring it is unequaled by any other shrub and is followed by the brilliant scarlet berries common to the type, which remain on the plant the entire winter. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun. Each, \$1.00.

### BUCKTHORN

A good hedging plant which may be held into a sheared fence of from three to five feet or grown into a tall screen of fifteen feet. A quick growing hardy shrub.

12 inch to 18 inch, each, 15c; doz., \$1.50; 100, \$10.00.

18 inch to 24 inch, each, 25c; doz., \$2.50; 100, \$17.50.

We can also supply a larger size, 2 to 3 feet high, which will make an immediate hedge effect. Each, 50c; 1 doz., \$5.00.

### BUDDLEIA—Magnifica

**Butterfly Shrub or Summer Lilac**—One of the most desirable summer flowering shrubs, beginning to bloom in July, it continues until cut down by severe frost. The flowers are a pleasing shade of violet mauve borne in dense cylindrical spikes from ten to fifteen inches in length by three inches in diameter. Succeeds everywhere and flowers fully the first season planted. The bushes sometimes die back to the ground during winter but this will not prevent it sending up long spikes with beautiful flowers the following year. Each, 50c.

### COTONEASTER

**Cotoneaster—Rock Spray**—A low shrub with almost horizontal branches. A native of China with leaves a dark green about one-half inch long, flowers are a pinkish white and the fruit a bright red. It is very attractive in rockeries and makes a most desirable ground cover. Each, \$1.25 and \$1.75.

THE COTONEASTER IS A BEAUTIFUL SHRUB FOR GROUPINGS AND FOUNDATION WORK



CARAGANA—(See Page 40)

CORAL BERRY—(See Symphoricarpus, Page 40)

**CORNUS—Dogwood**

Because of the distinctive color of its bark and its attractive flowers and fruit the Dogwood is suitable either for planting as an individual shrub or in a hedge or foundation planting. The two varieties listed, with their contrasting colors, go very well together in a planting.

**Native Red Dogwood**—This is a very ornamental shrub and in rows is an effective windbreak. White flowers followed by white berries. Each, 75c.

**Yellow Dogwood**—Another ornamental variety, but with yellow wood. Fine for either specimen or foundation planting. Each, 75c.

**Silver Blotched—Variegated Dogwood**—A very beautiful shrub and becoming very popular for foundation planting. It adds color and zest to shrubbery groupings with its leaves of green blotched and striped with silvery white. As with the other dogwoods we have listed, this wonderful shrub is exceedingly hardy and is adapted to any exposure in the foundation planting scheme and is also fine for specimen planting. Each, 75c.

ELDERBERRY—(See Sambucus, below)

**HIGH BUSH CRANBERRY—Viburnum Opulus**

**High Bush Cranberry**—A highly decorative tall growing shrub bearing white blossoms in broad cymes. Scarlet fruit, very showy shrub. Each, \$1.25.

**LILACS—For Early Spring Beauty**

We have an exceptional stock of this general favorite. Nowhere do they succeed better, produce more beautiful foliage, or flower more profusely than in our own state. We are anxious to see them in all gardens throughout the state, for they are rapid growers and shrubs that help to make the difference between a "House" and a "Home."

They may be planted as single specimens, in groups or in hedges. Blocks of these bushes attract the attention of large numbers of visitors to our nurseries every season when in flower. Our stock cannot be surpassed and are in splendid condition, hardy to the last degree.

Owing to their rapid, clean, and hardy growth lilacs make ideal stock for hedge purposes.



A Hedge of our Lilacs in Hill Park, Helena

**Purple**—We cannot recommend this variety too highly for it does so remarkably well in all parts of Montana and the Northwest. It is an old time favorite, very hardy and of rapid growth. Excellent for specimen purposes or for hedge use.

**White**—The companion to the purple, very hardy and fragrant and producing large trusses of beautiful flowers. Every Montana garden should have specimens of the above two varieties. Prices of the above two varieties: each, 50c, 75c and \$1.00.

Extra fine specimen bushes of the above varieties that will bloom this season, each, \$3.00 and \$5.00.

**Persian Lilac**—This is quite distinct, with small foliage, graceful growth. Color, the true lilac shade. Each, \$1.00 and \$2.00.

**Villosa**—A species which originated in Japan. It is a late tall growing variety that bears its blossoms fully a month later than the other lilac varieties. The flowers are purple in the bud stage and white when open and very fragrant. It is very hardy and a vigorous grower. Each, \$2.00.

**TREE LILACS**

**Pres. Grey**—A very fine double, producing trusses of pale blue flowers.

**Charles X.**—Deep purplish lilac flowers in large trusses. Flowers in May.

**Madame Lemoine**—Magnificent panicles of large double white blooms.

**Ludwig Spaeth**—Single. Very dark crimson purple. One of the darkest shades known.

Any of the above, each, \$2.00.

**LILAC ROOTED CUTTINGS**

Unequaled for Hedges

We receive many inquiries for young plants suitable for the planting of hedges of these favorites, and are now prepared to offer well rooted cuttings of the Purple and White varieties for this purpose. These are the varieties that have proven the most hardy and adaptable for this use. Per 100, \$10.00.

**KOLWITZIA AMABILIS**

**Beauty Bush**—A handsome new ornamental shrub from the wilds of China, resembling Weigelia to which it is allied. Its average height is 6 to 8 feet at maturity with long arching branches and it bears an amazing profusion of pale pink bell shaped flowers in early summer. Fine strong shrubs, each, \$3.50.

**MAHONIA**

**Holly-leaved Ashberry**—This is a beautiful broad-leaved evergreen shrub bearing bright yellow flower clusters early in the season. The flowers are followed by berries blue in color and the leaves vary somewhat in color thruout the year from various shades of green with flecks of red and bronze. Each 15 to 18 inches, \$1.50.

**PHILADELPHUS—(Syringa)—(Mock Orange)**

**Native**—A beautiful and well known flowering shrub; a native and therefore quite hardy; very rich fragrance. Each, 50c and \$1.00.

**Pyramidal**—This is a tall pyramidal grower, bearing beautiful double flowers from May thru June. It is something new and unique in the syringa line. Each, \$1.00.



A Specimen Bush of Syringa or Mock Orange

**Philadelphus—Virginal**—A medium sized shrub with beautiful fragrant semi-double flowers. The flowering season lasts somewhat longer than on the other two types, beginning in May. Each, 75c.

**SAMBUCUS—(Elderberry)**

A very valuable hardy shrub of quick growth and branching habit. The deeply cut foliage produces beautiful effects in the shrubbery and as a specimen plant for lawn purposes. Its even growth makes it ideal. When in bloom the shrub is a perfect bower of beauty over a long period and again in the fall when burdened with its load of black fruits. Each, 75c.



An Elderberry Bush in Our Nursery

**HONEYSUCKLE—Bush or Russian Honeysuckle**

The Russian Honeysuckle Bush or Tartarian Honeysuckle as it is sometimes called is a decided bush and not a vine as some people seem to think. It is a distinct shrub just as the lilac is. It will succeed anywhere, is very free flowering and absolutely hardy. Being a rapid grower it is ideal for planting against a wall or anything to be hidden, and is also ideal for hedge purposes. It is literally covered with pink and white flowers during the spring. Each, 50c, \$1.00; larger specimens, \$2.00.

TRY A HONEYSUCKLE IN THAT SHADY LOCATION



**HARDY SHRUBS—(Continued)****RUSSIAN OLIVE**

This shrub is a decided acquisition to our hardy varieties. The leaves are lanceolate; of a beautiful green above, and silvery white below. The blossoms are yellow, very fragrant, and borne in great profusion in June. Its shapely habit makes it very desirable for ornamental specimen planting, and for hedge and screen purposes it cannot be surpassed. It is equally good grown as a tree or in a hedge. As a resister of both cold and drought this shrub is second only to Caragana.

We know of no better bushes for hedge purposes in the north-west than the two pictured below viz:—Russian Olive and Caragana, both being of clean growth, and when properly trimmed will give results similar to those shown in the picture.

Each, 18 to 24 inches, excellent for hedge use, 10c; per doz., \$1.00; per 100, \$7.50.

Larger hedge stock, each, 25c; doz., \$2.50; 100, \$18.00.  
Each 3 to 4 feet, 75c.

**SNOWBALL—Viburnum**

One of the hardiest of shrubs and a favorite everywhere. During May and early June it is a perfect mass of blooms producing large globular pure white flowers. It is ideal for landscape work and is equally good for specimen planting. Each, \$1.00.

**SIBERIAN PEA—Caragana**

The Caragana or Siberian Pea is the great drought resister amongst shrubs and is the variety recommended to our farmers and ranchers in the treeless regions of Montana. For wind-break purposes in exposed situations, for specimen tree planting or for shrub use we cannot voice the praises of this variety too strongly. Many fine Caragana trees may be seen throughout the state. On the Capitol grounds and in the Court House lawn, Helena, some fine specimens now flourish. Their fine clean foliage, their rich golden blossoms, with the flowers hanging in regular clusters all tend to make this tree a permanent favorite. It is especially useful for hedge purposes, its even clean growth, its bushy habit and its clusters of "spikes" tend to make it just the plant for a hedge.

Prices—10 to 15 inch stock for hedge planting \$6.00 per 100; 50 at 100 rate.

18 to 24 inch stock for hedge purposes, \$12.00 per hundred. 50 at 100 rate.

**Caragana Seed**—These beautiful and hardy shrubs are easily propagated from seed. Price, Oz., 30c; ¼ lb. 85c; lb., \$3.00, postpaid.

Specimen trees of Caragana—\$5.00, \$10.00 and \$15.00  
F. O. B. Helena

These trees are extra fine stock balled and burlapped at the root thus insuring arrival of the trees in the best possible condition.



Hedges of Russian Olive and Caragana—Grown from our Stock

**SUMACH**

This old favorite shrub of the Eastern and Southern states has proven hardy in Helena, and we are pleased to be able to offer it to our customers. Its handsome fern like foliage, which turns to a wonderful red at the approach of the first frosts, should make it one of the best additions to our list of hardy shrubs. 3 to 4 feet, each, 50c. Larger shrubs, \$1.00 and \$1.75.

**SYMPHORICARPOS**

We list two species of this plant, both of which are hardy and distinguished by the berries they bear in the fall.

**Coral Berry**—The Red Snowberry or Indian Currant. Bears dense clusters of red fruit in autumn. Very attractive. Each, 75c.

**Snowberry**—A small native shrub that grows well in almost any soil and succeeds in shaded locations. It is quite hardy, produces small white or pinkish flowers in July and August and these are succeeded by abundant white berries that last well into the winter. Price, Each, 75c.

**WEIGELIA**

**Rosea**—An introduction from Japan and a most beautiful free blooming shrub, blooming early in the summer. It is a heavy bloomer and is excellent for foundation planting and may be used to advantage for specimen work. Each, 75c.

**SPIREAS**

Spirea Van Houtii (Bridal Wreath) In Hill Park, Helena

The above photograph was taken in Hill Park, Helena. These wonderful hardy shrubs are yearly literally covered with a mass of flowers, and attract no end of attention and admiration. Placed as they are near the G. N. Depot, they catch the eyes of many visitors to this city—a veritable fountain of bloom. These can not be too extensively planted in Montana. The shrubs and trees in this lawn and park were supplied from our Nursery, and the wonderful lawns were sown with our Rocky Mountain Lawn Grass Mixture. For either foundation planting or specimen planting nothing can out do the Spireas.

**S. Van Houtii (Bridal Wreath)**—The grandest of all the White Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, almost completely covering the foliage. Each, 75c and \$1.50.

**S. Sorbifolia (Ash Leaved Spirea)**—A very showy variety and a quick grower. Flowers produced in long spikes of white flowers. Makes a very beautiful, graceful shrub. Each, \$1.00.

**S. Anthony Waterer**—A very valuable variety producing bright crimson heads of bloom in great profusion. Fine for foundation work and considered one of the best of the pink spireas. Very hardy and of dwarf dense habit, never exceeding 30 inches in height. Each, \$1.00.

**S. Prunifolia**—Another favorite variety. It produces long spikes of double blooms very freely in May and June. Each 75c.

Special—One each of the above four varieties, \$2.75.

**Spirea—Froebel**—This is a vigorous spreading grower with bright pink flowers which are borne profusely from May to June; they have purplish tips in the Spring. The shrub presents beautiful colors and hues in the Fall and is very hardy. Each, \$1.00.

**QUINCE—Japanese**

**Cydonia Japonica**—A popular flowering shrub. It is valuable as a specimen plant or planted in masses or for hedge work. Flowers are bright scarlet and it is a vigorous grower. Each, 2 to 3 feet, \$1.50.



Photo Showing Some of our Shrubs that were moved safely after leafing out. They were carefully balled and burlapped

FOR AN  
IMMEDIATE  
SHOWING  
WE CAN  
FURNISH  
SPECIMENS  
OF NEARLY  
ALL OUR  
NURSERY  
STOCK

CARAGANA AS A SPECIMEN SHRUB OR USED FOR A HEDGE IS HARD TO BEAT



# HARDY VINES FOR THE NORTHWEST

## CLEMATIS

One of the most popular of all trailing vines, used for covering house fronts or draping over retaining walls. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable. Their variety of size, coupled with a wealth of bloom, puts them in a unique position.

To obtain good results they must have rich soil, perfect drainage and an abundance of water and most important of all they must be planted with the crowns about 3 inches beneath the surface of the soil.

Heretofore it has been difficult for many to transplant these plants with success, so this season we are featuring pot grown stock of A1 quality which will come with a ball of earth and are sure to give satisfaction.

**C. Jackmanii**—The popular rich purple variety with large flowers and very hardy.

**C. Henrii**—A fine white having large blossoms which come in great profusion.

**C. Baron Veillard**—An excellent variety, rose color. A beauty in every respect.

**Mme. Eduard Andre**—One of the very finest red varieties on the market, very effective.

Each, \$1.25.

One each of the above four varieties, \$4.50.

**Native**—A sweet scented, rapid grower, extremely hardy and producing magnificent foliage and great masses of flowers. Good strong roots. Each, 50c.



Clematis—Jackmanii—in Helena

## VIRGINIA CREEPER

### AMERICAN IVY—Woodbine

This plant is, without doubt, the very best and most hardy variety for this section. Everywhere it has been planted it has succeeded wonderfully. It produces masses of rich dark green foliage deeply cut, which assumes brilliant shades of yellow, crimson and scarlet in the Fall. It is the ideal vine for covering fences, walls, trees, rocky slopes, etc. Our stocks are clean, hardy and of sturdy growth and we feel safe in saying, are some of the finest in the country and for general purposes cannot be too highly recommended.

Each .....\$1.00

Each, Extra Large Plants .....\$2.00

THE VIRGINIA CREEPER'S COLOR DISPLAY IN THE FALL IS A MARVEL IN ITSELF



Our Virginia Creepers add a Beautiful and Living covering over this Modern Service Station

## HOP ROOTS

For quickness in covering residence fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardness and quick growth makes it a very desirable vine. Each, 30c; doz., \$2.75.



A sample of our Landscape Work. This Vacant Lot was filled in, Leveled, a Lawn Built and Trees and shrubs were Systematically Planted on it Last Spring. Note the Large Colorado Blue Spruce that were moved

City Trees are a valuable asset that can very easily be ruined by inexperienced people. We have a qualified tree expert on our staff and we invite the cities of the state to write us regarding any tree work they may contemplate.

## INTERMOUNTAIN UNION COLLEGE

Helena, Montana

November 1, 1930.

State Nursery and Seed Co.,  
Helena, Montana.

Gentlemen:—This note is to report to you on the part of the lawn newly made this fall. Thanks for the instructions which your staff gave us for the preparation of the ground and the planting of the seed, besides your selecting the seed that would grow best in the fall, I am able to report that the grass appeared on the eighth day after planting, has shown steady growth since, and has already a prospect of making a good lawn next spring. Many people have commented on this decided improvement in the appearance of our campus west of Mills Hall.

Very truly yours,  
WENDELL S. BROOKS, President.



# TREES---Shade and Ornamental

All prices on trees, (except Evergreens), shrubs and plants include delivery to your nearest express station

**IMPORTANT TO TREE BUYERS**—In buying shade and fruit trees or other Nursery Stock from THE STATE NURSERY AND SEED CO. you are also getting free of charge the experience of FORTY-ONE YEARS of production of these goods in Montana. This can not be offered you by any other house at any price.

We pride ourselves on our good, clean, hardy tree stock, and we are confident they are the best the Northwest can produce, a fact which is borne out by the numerous unsolicited testimonials which we have received. In addition to the hundreds of private citizens who annually plant our trees many of the cities of the state use our stock for parking purposes. We make special prices where quantities are purchased and we cordially invite correspondence from city authorities on this subject.

Our location, (altitude 4400 feet) and soil are two of the prime factors for the production of stock with good fibrous roots, which, before shipping are carefully wrapped in wet moss and the whole length of the tree wrapped in burlap.

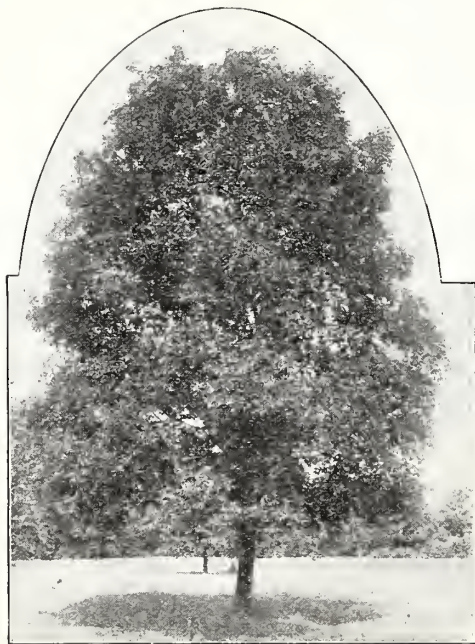
We take special care to send out only such stock that we know with proper attention will grow, but should any fail to do so before August 1st, 1931, we wish to be informed immediately after that date so that one of our representatives may have an opportunity of inspecting same. We guarantee to replace at one-half the original cost.

## AMERICAN WHITE ASH

The best hard wood tree for Montana, being extremely hardy, and growing into a most beautifully formed head. We cannot recommend this tree too highly for this section, either for parking purposes or for planting as individual specimens. We call attention to the \$2.00 size—7 to 8 ft. high. The 7 to 8 foot tree is generally planted for street parking and we invite correspondence from city authorities.

Each, 6 to 7 ft. high, \$1.50; doz., \$15.00; each, 7 to 8 ft. high, \$2.00; doz., \$20.00; each, 8 to 9 ft. high, \$2.50; doz., \$25.00; Specimen Trees 10 to 15 ft. high, \$3.00 to \$5.00.

**White Ash Seedlings**—6-8 inches—per 100, \$5.00; per 50, \$3.00. These are offered for customers who may wish to grow these valuable trees for windbreaks.



White Ash

## EUROPEAN MOUNTAIN ASH

This is without doubt one of the very best ornamental trees, and because of its outstanding beauty, and hardiness, together with its fine foliage and lovely blossoms, followed by massive clusters of beautiful berries from July till winter is undoubtedly a TREE THAT SHOULD GRACE EVERY GARDEN.

6 to 8 ft., \$2.00 each; 8 to 10 ft., \$3.00 each.

## OAK LEAVED MOUNTAIN ASH

Another very handsome tree equally as showy as the Ash leaved variety and producing immense clusters of bright red berries. Foliage dark lobed and oak shaped—a very hardy tree of pyramidal habit. Excellent for lawn purposes.

Each, 6 to 8 ft., \$2.00.

Swedish Oxelberry—(Mountain Ash) 4 to 5 ft., \$1.50.

## BIRCH

**Canoe Birch**—A very hardy and beautiful American tree of fine shape and delightful bark. An excellent specimen for lawn or other decorative purposes. 6 to 8 ft., \$2.50 each.

## CUT LEAF BIRCH

(See Color Plate of Capitol)

Very beautiful form of the European White Birch, the main trunk with snow white bark grows as straight as an arrow. Branches spread slightly, while the fine slender shoots hang vertically. Foliage fine and deeply cut. One of the most beautiful of deciduous trees. Each, 5 to 6 ft., \$4.25; 6 to 8 ft., \$5.25.



Cut Leaf Birch

## BOX ELDER OR MANITOBA MAPLE

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description. Each, 5 to 6 feet, \$1.00; doz., \$7.50. Each, 8 to 10 feet, \$1.25; doz., \$12.50.

## CHESTNUT—Horse

A very handsome and beautiful tree producing spikes of white flowers in great profusion and sweetly scented. May be frequently seen in many towns of the State. Well worth trying. Each, 5 feet, \$2.00.

## CHERRY—Japanese Flowering

The famous flowering cherries of Japan—strictly ornamental and beautiful specimens, blossoming in profuse panicles. Each, 4 to 6 feet, \$2.00.

## CRAB—Flowering

Strictly an ornamental tree. An excellent addition to any grounds. Makes a medium sized tree, perfectly hardy, succeeds well in all soils not too wet. When in blossom appears to be covered with delicate pink perfectly double small roses of delicious fragrance. Each, 3 to 4 feet, \$1.50.

Hotel Chamberlin, Cody, Wyoming, April 22, 1930.  
State Nursery and Seed Co.,  
Helena, Montana.

Gentlemen:—My deciduous trees came Friday and the Evergreens Saturday and all are nice, strong looking trees as tho they would grow nicely. Thank you for sending them by express, as it takes so long to come by freight that they might have been injured thereby.

Yours truly,  
AGNES CHAMBERLIN.

Beauty and Hardiness Combine to make the Cut Leaf Birch Almost Indispensible for the Modern Landscape





Chinese Elm

**ELM****Ulmus Americana—The American**

Elm is a noble native American tree, attaining a large size, with wide spreading head and graceful drooping branches. It is one of the best park and street trees and is superb when planted as a single specimen. Each, 6 to 8 ft., \$1.50; doz., \$15.

**Ulmus Pumila—(Chinese Elm)**—This variety which was introduced from China is a wonderfully rapid growing tree and is adapted to semi-arid as well as irrigated districts. It is very valuable for windbreak purposes and may be trained as a bush or tree also providing excellent sanctuary for birds. In some localities the young tips freeze back, altho this does not injure the main body of the tree. It is remarkably resistant to drought and alkali. Each, 5 to 6 feet, \$1.50, 6 to 8 feet, \$2.00.

**SPECIAL BARGAIN**

We are offering select young seedlings of Chinese Elm which may be planted with a dibble or crow bar along irrigating ditches or in rows for windbreak purposes. Special at \$10.00 a hundred.

**BLACK LOCUST**

One of the hardiest of the Locusts. Produces blossoms in long white racemes, very fragrant. 5 to 6 feet, each, \$1.00.



A Beautiful Maple Specimen

**LINDEN—American**

A very stately and beautifully shaped tree. It makes a fine specimen of a shade tree and its bright shining leaves enhance its value two-fold. It bears blossoms in July. It is a vigorous grower in the Northwest. 6 to 8 feet, each, \$2.00.

**MAPLE**

The Maples are increasing in popularity owing to the profusion of foliage and majestic upright growth.

**Acer Schwedler—Purple Leaf Maple**—A red and purple variety that contrasts brightly with the delicate green of the other trees. In midsummer the leaves are purplish green, in autumn a golden yellow. It is truly an aristocrat of the Maple family and is very scarce as yet. Each, 6 to 8 feet, \$4.50.

**Norway Maple or Hard Maple**—An excellent shade tree. The foliage in the fall assuming very striking tints of yellow. It is one of the most handsome of the species, of very hardy nature. Each, 6 to 8 feet, \$3.00; doz., \$30.00.

**Soft Maple**—Of easy culture and rapid growth, forming well shaped trees when given sufficient room to develop. Splendid stock. Each, 6 to 8 feet, \$1.50; doz., \$15.00.

**POPLARS**

These hardy trees thrive in almost any soil, and as a class are unequalled for this section. They are of rapid growth, and are used in increasing numbers every year in all parts of this state. A very desirable tree where quick shade is wanted.



An Avenue of Canadian Poplars

**Canada Poplars**—This is the most popular of the Poplar family and is the best tree, being hardy, of clean, rapid growth and of symmetrical shape. This variety may be called the "all purpose" variety for they may be planted as specimen trees or used for parking purposes where quick shade is required, and judiciously used in windbreaks. Farmers living in the treeless sections of the Northwest can add materially to the appearance and value of their property, in addition to deriving a great deal of pleasure by a systematic planting of these trees.

**Balm of Gilead—Native**—A variety that does remarkably well in most parts of Montana, especially the exposed prairie lands of Eastern Montana and should be extensively planted.

**Silver Leaved Poplar**—Under side of leaves are a beautiful silvery grey, making it decidedly distinct from any of the other varieties.

**Lombardy Poplar**—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. Subject to winter killing in some sections.

**Price of Any of the Above Varieties of Poplars**

Each, 4 to 5 feet, whips, 50c; per doz., \$5.00; per 100, \$30.00; each, 5 to 6 feet, 75c; per doz., \$8.00; each 6 to 7 feet, \$1.00; per doz., \$10.00; each 8 to 9 feet, \$1.50; per doz., \$15.00; each, 10 feet, \$2.50; per doz., \$25.00; 12 to 14 feet, each \$5.00.

Whips of Canada Poplars only, 1 year, 2 to 4 foot whips, per doz., \$3.00; 50, \$7.50; 100, \$15.00.

**Bolleana**—A tall columnar rapid growing, hardy tree, superior to the Lombardy. Leaves triangular, borders serrate, glossy green above and silvery beneath. Each, 6 to 7 ft. only, \$2.00.

**PLUM—Flowering**

**Prunus Pissardi**—Very handsome form with rich purple leaves. Recommended where colored foliage is desired. Covered in Spring with beautiful white flowers, later with wine red fruit. Very suitable for foundation planting. Each, \$2.00.

**Prunus Triloba**—A native of China and one of the finest and hardest of early Spring blooming shrubs under cultivation. The flowers appear very early in the Spring and are very double and of a beautiful light pink shade. Each \$1.50 and \$2.00.

**RED BUD—Cercis Canadensis**

A very striking ornamental tree loaded with a mass of pea-shaped pink blossoms in early spring before the leaves appear. Each, 2 to 3 feet, \$1.25.

THE CANADIAN POPLAR IS THE FASTEST GROWING AND HARDEST TREE WE KNOW OF



**TREE CUTTINGS**

We sell quantities of cuttings of the following varieties: Poplars, Willows and Native Balm of Gilead, for the rancher or farmer who wishes to buy quantities of trees but does not wish to invest in rooted trees. These cuttings are about six inches long and in bundles of 100.

100, \$1.75; 1000, \$10.00.

**PLANTING INSTRUCTIONS—See Cuttings**

These are very easy to grow. Take the cuttings as received in the early spring, and plant deeply in a trench in good soil, placing the cuttings about 3 inches apart. Tread the soil around them firmly, and water well. Do not allow them at any time to lack water. Leave only about two eyes above the ground in planting. Replant the following spring giving them about 12 to 18 inches of space between them, and transplant the second year to places where desired to remain permanently. If more than one eye sends up a shoot the first season, remove the weakest ones leaving one strong shoot.

**DON'T  
OVERLOOK OUR  
WONDERFUL  
DAHLIAS**



A 3 year old shelter belt

**HAWTHORNE**

**Pauls Double Scarlet**—The most showy of the double flowering thorns. Its lovely blossoms are of a bright scarlet color, large, full and very double. Each, 6 to 8 feet, \$3.00.

**WALNUT—Black**

The picture shows some of these trees growing in our nursery. We do not recommend them for general planting but for those who like to experiment. Each, 4 to 5 feet, \$3.00.



Black Walnuts in Our Nursery

**OUR LITTLE PRUNING BOOK**

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, 35c.

Our trees have been case hardened so to speak after going thru the rigors of one or more of Montana's none too gentle winters. In other words our stock is **Acclimated** and is **HARDY**.

**START YOUR OWN WINDBREAK**

WITH OUR "HOMEMAKERS" SHELTERBELT COLLECTIONS

**NO. 1**

- 25 Canada Poplars, 1 year whips, 2 ft. to 4 ft.
- 25 White Ash Seedlings, 6 inch to 8 inch stock.
- 25 Russian Willows, 1 year whips, 3 feet.
- 25 Russian Olive, 18 inch to 24 inch.
- 50 Caragana, 10 to 15 inch stock.

All the Above \$10.35

Delivered to Your Nearest Express Station

**NO. 2**

- 50 Canada Poplars, 1 year whips, 2 ft. to 4 ft.
- 50 White Ash Seedlings, 6 inch to 8 inch stock.
- 50 Russian Willows, 1 year whips, 3 ft.
- 50 Russian Olive, 18 to 24 inch.
- 100 Caragana, 10 inch to 15 inch stock.

All the Above \$19.50

Delivered to Your Nearest Express Station

The Above Collections Sent ONLY AS LISTED—Positively No Changes will be made

**WILLOWS**

Among the best hardy trees for our rigorous climate, are the Willows. As windbreaks—some varieties are unexcelled, as specimen trees—they are handsome and ornamental in any location. They are, when once established, very hardy. Our stocks of these cultivated varieties of Willows are perhaps the largest and best to be found in any section, and produced as they are—at an altitude of over 4000 feet—on the eastern slope of the main range of the Great Continental Divide, are the hardiest trees that can be produced anywhere.



A Beautiful Specimen of Russian Willow

**WILLOWS**

One of the most hardy class of trees known. The cultivated varieties we offer are invaluable for the rigorous climate of Montana. They are of very rapid growth, and make fine attractive trees for any position.

**Golden Willow**—Golden colored growth, makes a handsome specimen tree anywhere, and hardy under all conditions.

**Russian Willow**—A very strong growing tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen trees. Each, 4 to 5 ft., 50c; doz., \$5.00; 5 to 6 ft., 75c; doz., \$7.50; 8 ft., \$1.00; doz., \$10.00; 10 ft., \$2.00; doz., \$20.00.

**SPECIAL**—1 year Golden or Russian Willow, 3 feet, \$10.00 per 100.

**Laurel Willow**—One of the very best willows for ornamental planting—shrubby. Leaves very large and shining. Fragrant when bruised, produces in spring large rich-colored pussy willows. Each, 6 to 8 ft., \$1.00; doz., \$10.00.

**Pussy Willow**—This hardy native tree is one of the beautiful harbinger of Spring. Adds variation and natural beauty to the landscape scene. Each, \$1.00, \$1.50 and \$2.00.

**WE HAVE LARGER SPECIMENS OF ALL****TREES AND SHRUBS**

Write Us About Them

We Will also Fill Your Order To Full Value

**OUR FARMERS' HOME ORCHARD COLLECTIONS****NO. 1**

- 1 Apple
- 1 Crab Apple
- 1 Cherry
- 1 Plum
- 3 Currants
- 1 Gooseberry
- 6 Blackberries
- 6 St. Regis Raspberries

All For \$6.50

Delivered to Your Nearest Express Station

**NO. 2**

- 3 Apples, assorted
- 2 Crab Apples, assorted
- 1 Cherry
- 3 Plums, assorted
- 6 1-year old Currants
- 3 Gooseberries
- 6 Blackberries
- 6 St. Regis Raspberries

All For \$11.75

Delivered to Your Nearest Express Station



All our Evergreens are Balled and Burlapped for Shipping and the Root System is Undisturbed

# EVERGREENS

(Also See Color Section)

All our Evergreens are Balled and Burlapped for Shipping and the Root System is Undisturbed

## COLORADO BLUE SPRUCE

**Colorado Blue Spruce—Picea pungens**—There are other trees of almost every imaginable color and form, but here is truly the culmination of Nature's highest effort to produce the beautiful. It is a perfectly shaped tree with an abundance of heavy foliage of rich, glistening blue, which flashes and sparkles in the sunlight. The glory of the blue spruce is in the foliage which is an intense steel blue and has created a sensation the world over. It is considered the handsomest tree on the Rocky Mountain Trail.

Price, 1½ to 2 feet, \$10.00; 2 to 2½ feet, \$12.00; 2½ to 3 feet, \$16.00.

For larger sizes and prices please write.  
Above prices, f. o. b. Helena

## COLORADO GREEN SPRUCE

The green variety of this famous spruce which has the same graceful shape and quality but exhibits a bright green coloring of the needles rather than the bluish and silvery bluish of the Colorado Blue Spruce.

Price, 1½ to 2 feet, \$3.00; 2½ to 3 feet, \$8.00.



Some of Our Crew Moving Large Colorado Blue Spruce Specimen

## WHITE FIR

**White Fir—Abies concolor**—One of the most popular and picturesque of the evergreens. Both the upper and undersides of the needles are a beautiful grayish blue. It is regarded by many as the cheeriest of all the evergreens in the winter, has no insect enemies and is the best Fir tree to withstand heat and drought. It retains a distinct pyramidal outline and is branched to the base. Each 2 to 2½ feet, \$8.00.

Have You A

## LIVING CHRISTMAS TREE!

A practice, well worth encouraging, is that of planting an evergreen in the front yard not only for general decorative effect but also for special use during Christmas Season. An evergreen decorated with colored lights is an especially pleasing sight and vividly enhances the Christmas spirit. A drive thru the residential sections of the city during the evenings of the holiday season will forcibly convince you of the advantages of such a planting. Write for suggestions.

**NOTE**—All evergreens are shipped with a large ball of earth, securely burlapped. When received, great care must be exercised not to break this ball of earth. At planting time loosen only the top of burlap, then thoroughly pack the soil around the ball of earth, before saturating with water.

## PINES

**Mugho Pine**—A very short stout and bushy evergreen, very popular for low border plantings and foundation work. It never grows over 4 to 5 feet tall but spreads out 6 to 8 feet in diameter. By annual shearing it may be kept as small as desired. The Mugho is shade tolerant and the color is a deep green in summer and winter and it is very hardy.  
18 in. x 18 in., \$5.00.

**Austrian Pine—Pinus nigra**—The leaves are two in a sheath, straight and slender, from 4 to 5 in. long and of such a deep rich green color that it is known in some parts of the world as the "black pine." No tree shows such a resistance to the trying conditions of city planting. Coal gas and smoky atmosphere have no effect on its growth. A very strong hardy evergreen making a fast annual growth.  
Each, 2½ to 3 ft., \$7.50.



## BLACK HILLS SPRUCE

**Black Hill Spruce**—The hardiest of all Spruce being symmetrical, compact and bushy in habit of growth; the very smallest trees soon form round, sturdy, compact bodies as the tree grows and develops. It continues to carry this particular style of growth; even in old trees the lower branches are retained, thus forming a close ground cover. The foliage varies from green to bluish tint and all trees are remarkable for their bright fresh color.

Each, 2 to 3 feet, \$7.50; 3 to 4 feet, \$9.75.

## DOUGLAS FIR

**Pseudotsuga Douglasii**—A beautiful evergreen forming an open, broad sharp pointed pyramid, the lower branches are straight or somewhat drooping, and the middle or higher ones trend upward. This fir is a symbol of rugged strength, of endurance, and permanency.  
Price, each, 2 to 3 feet, \$6.00.

## OUR "FOUNDATION PLANTING" COLLECTIONS

### NO. 1

One Virginia Creeper, One Japanese Barberry, One Russian Honeysuckle, One Coral Berry, One Dog Wood, Two Lilacs (White and Purple), Two Spireas,

ALL FOR

**\$5.95**

Delivered to Your Nearest Express Station

### NO. 2

Two Japanese Barberry, Two Russian Honeysuckle, Two Lilacs (1 White, 1 Purple), Two Caragana, Two Spireas, One Virginia Creeper, One Sumac, One Elderberry, One Coral Berry, One Dog Wood,

ALL FOR

**\$9.40**

Delivered to Your Nearest Express Station

## WHenever IT POSSIBLE TO DO SO,

drive over and select Evergreen stock from our Nursery. There are so many types and varieties that actual selection by the customer is more satisfactory. We ship nothing but first class stock of the highest quality.

EVERGREENS INCREASE THE VALUE OF YOUR PROPERTY



**JUNIPERS**

**Hill Dundee Juniper**—An amazing variation from the type and of great merit. The summer color is a grayish green, the winter color a brownish red plum color, they grow to about 12 feet in height with uniform habit and symmetrical columnar form. Each, 1½ to 2 feet, \$6.00; 3½ to 4 feet, \$10.00.

**Colorado**—This is the seedling form which produces a variation in habit and color. The color ranges from green to light blue, and is more pronounced during hot dry weather. It is narrow, compact and symmetrical having one single stem in contrast to some Junipers with several stems. Each, 3 to 3½ feet, \$7.50.

**Pfitzer**—Almost unknown a few years ago this remarkable tree today is in the front rank of ornamental evergreen trees. The shape and size may be readily controlled by shearing, and it is shade tolerant, being used extensively on the north sides of buildings. It is a low growing and very bushy type of evergreen. Each 1½ to 2 feet, \$6.00.

**Hills Silver Juniper**—*Juniperus Scopulorum Hilli*—This is a select form of striking blue foliage. It is the whitest Juniper obtainable. The silvery foliage is magnificent as it sparkles in the sun. Each, 2½ to 3 feet, \$7.50.



A Border of Spruce Along a Driveway in Our Nursery

**RED CEDAR**

**Juniperus Virginiana**—Often called America's best advertised evergreen as Nature planted it over almost all the Northwest continent. It is narrow, compact, pyramidal type. As winter comes on, the tips of the new foliage present a pinkish appearance. The early spring color is very bright green gradually darkening during the summer. It bears bright blue and silvery berries which are quite an attraction to birds. Each, 1 to 1½ feet, \$4.50; 2 to 3 feet, \$6.00; 3 to 3½ feet, \$10.00.

WHEN BUILDING YOUR  
LILY POOL  
ALLOW FOR  
EVERGREEN GROUPINGS  
AROUND IT.  
YOU WILL BE  
DELIGHTED WITH  
THE BEAUTIFUL AND  
NATURAL EFFECT.



The Stately Cedar

**ARBORVITAE**

**Arborvitae**—(*Thuja Occidentalis*)—**Globosa**—This is among the oldest of the ornamental evergreens. It grows in a compact round ball and has a deep green color and it keeps its color well in winter. Each, 12 x 12 inches, \$3.00; 18 x 18 inches, \$6.00.

**Arborvitae**—(*Pyramidallis*) **Thuya Occidentalis Pyramidallis**—It is the most popular form of Arborvitae today. The tree fills a real need in landscaping with its tall columnar growth, compact in habit. Color is green in summer and winter and it requires the full sun. Each, 2½ to 3 feet, \$6.25. 3½ to 4 feet, \$9.50.

ALL OUR EVERGREENS ARE BALLED AND  
BURLAPPED FOR SHIPPING AND THE  
ROOT SYSTEM IS UNDISTURBED

**LANDSCAPE  
ARCHITECTURE**

We are prepared to do landscape work on a large or small scale and we are pleased to make suggestions and estimate cost of improving and beautifying your home grounds. Send us a sketch of your lot or lots with location of buildings, dimensions, location of entrances, roadways and exposure, etc. We are equipped to draw plans of the property and wish to help you plant your home.

More people are beginning to realize the value and beauty that a properly landscaped property presents and the individuals, communities and towns are all receiving benefits because of it. Remember its the difference between a house and a home.

**EVERGREENS FOR WINTER  
CHEER**

Evergreens are always impressive in winter. They give a note of cheer and warmth to the winter landscape. The influence of evergreens around the home gives a friendly aspect to your surroundings.

ALL EVERGREENS F. O. B. HELENA

WHEN EVERGREEN AND DECIDUOUS TREES  
ARE PERSONALLY SELECTED  
CATALOG PRICES DO NOT APPLY

EVERGREENS PROVIDE ALL YEAR BEAUTY FOR YOUR HOME



## DEPARTMENT

## FRUIT TREES AND SMALL FRUITS

We specialize in fruit trees and small fruits, especially suited to Northwest conditions, and cater to those requiring from 1 to 100 or more trees for home orchard purposes. Our list of varieties is not large for the reason that we list only those that have proven suitable to our climatic conditions. All the trees, etc., listed we can unhesitatingly recommend as being hardy, of thrifty growth and clean, and good stock of standard varieties. After forty-one years in the Nursery business in the State we feel we are in a position to give invaluable aid to purchasers of fruit and other trees.

## APPLES

**Duchess of Oldenburg**—One of the hardiest and most productive of our large apples. Fruit streaked red. (Fall variety). Each 5-6 ft., \$1.25; per doz. \$12.00.

**Yellow Transparent**—Earliest of splendid quality, and does well in any exposed situation. Fruit light yellow. Each 5-6 ft. \$1.25; per doz., \$12.00.

**Hibernal**—A splendid fall variety, very hardy. A really good apple for exposed situation. Each, 5-6 ft., \$1.25; per doz., \$12.00.

**McIntosh Red**—Too well known to need description. Each 5-6 ft., \$1.25; per doz. \$12.00.

**Wealthy**—Does well wherever grown—leading winter variety for Montana. Large red fruit. Each 5-6 feet, \$1.25; per doz., \$12.00.



A Block of Fruit Trees in Our Nursery

NATIVE  
CHOKE-  
CHERRY

This native tree is extremely useful, for besides its fruit bearing value it is becoming most popular in solving landscape problems as it makes a splendid shrub for tall foundation planting and is fine for use in tree and shrubby groups. It is absolutely hardy and a vigorous grower and produces an abundance of fruit which makes wonderful jelly, etc.

Each, 5 ft., \$1.00, doz., \$10.00.

## CRAB APPLES

## For preserving, jellies and ornamentation

All are unequalled for cider or vinegar. The Trees are noted for their hardiness and vigor, and usually bear the second season after planting. From an ornamental standpoint alone these trees are well worth planting.

**Transcendent**—Very productive; fruit yellow with red cheek. The variety generally used for jelly. Each, 5-6 ft. \$1.25; per doz., \$12.00.

**Whitney**—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy. Each 5-6 ft., \$1.25; per doz., \$12.00.

**Red Siberian**—(See color plate)—One of the hardiest and most prolific fruiting Crab Apples yet introduced. Each 5-6 ft., \$1.25; per doz., \$12.00.

(Larger trees of any of the above, \$2.50)

## CHERRIES

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two before attempting to plant on a large scale. This will lead to practical knowledge for the different localities, and prevent severe disappointment.

**Early Richmond**—A splendid variety in dark red. Each, \$1.50.

**Montmorency**—A good hardy red variety. Each, \$1.50.

**English Morello**—A good hardy red variety. Each, \$1.50.

## ROCKY MOUNTAIN CHERRY

Grows to a height of four feet and its load of white blossoms in Spring is followed by quantities of black fruit that ripens late. A distinct bush. Fruit valuable for preserving, one or more should be in every garden.

Each, 3 ft., \$1.00; doz., \$10.00. Each, 2 ft., 50c; doz., \$5.00.



Yellow Transparent Apple

We Can Supply Apples, Crab Apples and Plums  
of larger size at \$3.00 and \$4.00 each

Don't Overlook Our  
FRUIT TREE AND BERRY COLLECTIONS

IT'S NICE TO BE ABLE TO PICK FRESH FRUIT AT HOME



## PLUMS

The Plum should have a place in every orchard or fruit plantation. Being a native fruit, it is of the most easy culture, and a great bearer. May be planted close together as they appear to do best when grown in thickets. We feel that from those quoted a collection can be made that will suit any customer wishing standard varieties for a home orchard. Useful for sauces, jelly, butter or preserves.

**Underwood**—Very hardy and very prolific. Fruit large, red, juicy, good quality. An early and regular bearer. Quality excellent. This variety we can highly recommend. Even the small trees in our grounds are literally covered with fruit.

**Waneta**—The most delicious of all plums. The best of Prof. Hansen's introductions. Extra large size, two inches in diameter. Hardy anywhere in the Northern States. An early and prolific bearer, often producing a good crop in two years from planting.

**Terry**—Another American Plum originating in northern Iowa, and has proven very hardy. A large fruit, color red over yellow, round shape, thick skin, yellow flesh of splendid quality.

**De Soto**—Large oval, light yellow and red, sometimes mottled, juicy, good quality. An early and regular bearer, producing large crops. One of the very best.

Price of Plum Trees, Each, \$1.50; doz., \$15.00.

## COMPASS CHERRY

**Compass Cherry**—A cross between a cherry and a plum. It is very hardy, and will thrive where many other trees will hardly grow. In the spring it is covered with a dense mass of blossoms, making it invaluable for a decorative plant anywhere. It bears enormous quantities of fruit, ripening late in the season, and which are extra fine for jelly making purposes. Each, 3-4 feet, 75c.



Currant

## CURRANTS

Currants are hardy, very prolific, and their qualities for jelly making appeal to every housewife. Our stocks are good—in the best possible condition. Can be grown where scarcely any other fruit can or will mature.

**Perfection**—This is perhaps the very best variety of Red Currant that was ever introduced. It is a prolific yielder, with a rich sub-acid flavor. The fruit being very pulpy and contains but very few seeds. Our stocks of this valuable small fruit are unsurpassed, and we strongly recommend this variety to be grown both for commercial and home use.

**Red Cherry**—Very productive, color a bright red, in profuse clusters. Large fruit, fine for jelly making.

**White Grape**—The best white variety, of very bushy habit of growth yielding large quantities of large white fruit.

**NOTE**—Owing to the attacks of White Pine Blister rust in the Northwest, we are requested by the U. S. Forestry and Agricultural Department not to offer Black varieties of currants for sale.

**PRICES OF CURRANT BUSHES**  
1 year each, 35c; doz., \$2.60  
2 year each, 70c; doz., \$5.75

## ALL PRICES

ON TREES, SHRUBS, PLANTS AND ROOTS  
include delivery to your nearest express station

## GOOSEBERRIES



Gooseberries

Gooseberries grow and fruit exceptionally well in Montana, and should be far more grown than is the case. They yield enormously, and for preserving and pie making are unexcelled.

**Oregon Champion**—A splendid green variety, hardy, of good size and flavor. This variety is more generally grown on the Oregon fruit farms than any other, for market purposes.

**Columbus**—Hardy and large, and we have grown it for years in unsheltered positions. (See Color Page).

Each, 65c; doz., \$6.00

Every household should  
have its fresh  
GOOSEBERRY PIE

See Also Color Plate  
FOR GOOSEBERRIES AND PLUMS

## GRAPES

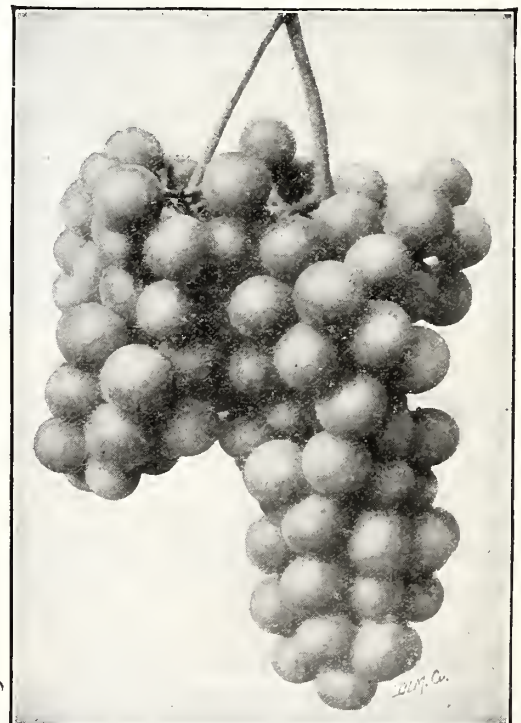
The following varieties are among the hardiest.

**Alpha**—A very hardy and prolific variety, excellent for jellies etc. Produces extra large bunches of dark colored grapes. Very vigorous and a variety especially suited for the Northern States. Each, 65c.

**Beta**—A hardy northern hybrid, deep purple in color, medium size, and considered one of the best varieties for jelly and similar uses. Vigorous grower, does well anywhere and is especially adapted to the northern states. Each, 50c.

**Campbell's Early**—An improved Concord of good quality. Each, 50c.

**Concord**—The most popular, very hardy, vigorous, and productive. Each, 50c.



WE HIGHLY RECOMMEND THE UNDERWOOD PLUM





TREES AND GRASS SEED FOR MONTANA'S BEAUTIFUL CAPITOL GROUNDS SUPPLIED BY THE STATE NURSERY AND SEED CO.





OREGON CHAMPION GOOSEBERRY



RED SIBERIAN CRAB



LATHAM  
RED  
RASPBERRY



GREGG BLACK RASPBERRY



"PRIDE OF MONTANA" STRAWBERRY

*For Complete Description and Prices of  
the Above Fruits See Fruit Section*



MONTANA GROWN BLACKBERRIES



We have been very fortunate in securing stocks of a Montana grown blackberry that we can highly recommend. The bushes make exceptional growth and produce enormous quantities of good sized, luscious berries. These berries are sweet and mild and are free from the bitter taste common to most of the black varieties. The berries are attractive and fine for table purposes, jams, pies and jellies. Very hardy and thrifty.

1 doz., \$1.00; 2 doz., \$1.75.

WINTER PROTECTION

After the first freeze and when the plants are free of leaves throw a covering of coarse straw, around the canes or lightly earth up with soil.

RASPBERRIES



Raspberries are a splendid small or bush fruit for Montana. As a rule they are hardy, very prolific and require but comparatively little care to produce splendid fruit.

**Latham Red**—A very large berry, dark red in color, a very hardy and vigorous grower, good shipper and heavy yielder. At Geneva (N. Y.) experimental station the Latham out-yielded any other red sort and they recommend it very highly. The Latham originated in Minnesota, which accounts for its hardiness. Doz., \$1.15; 100, \$5.40.

**King**—This raspberry is one of the very best of the red raspberries. It is very hardy, and yields enormously. In our nurseries it has proven to be one of the very best we have yet found. The fruit is large and luscious, and will ship well. It is not considered an everbearer—but with us it certainly yields as much fruit as some of those so classed.

**Gregg**—The best of the black raspberries, and a splendid yielder. This is the variety of black raspberry generally grown for market purposes. Either of the above two varieties—\$1.00 per doz., \$5.00 per 100.

EVERBEARING RASPBERRIES

**St. Regis**—Everbearing red. This is perhaps the best known of the everbearing type, and has proven well adapted to general Montana conditions. We have excellent reports on this variety from the western part of the state to the southeastern. Well worth a trial. A very prolific yielder of delicious flavor. Per doz., \$1.25; per 100, \$6.00.

OUR FARMERS' HOME ORCHARD COLLECTIONS

NO. 1

- One Apple
- One Crab Apple
- One Cherry
- One Plum
- Three Currants
- One Gooseberry
- Six Blackberries
- Six St. Regis Raspberries

NO. 2

- Three Apples, assorted
- Two Crab Apples, assorted
- One Cherry
- Three Plums, assorted
- Six 1 yr. old Currants
- Three Gooseberries
- Six Blackberries
- Six St. Regis Raspberries

ALL FOR \$6.40

Delivered to Your  
Nearest Express Station

ALL FOR \$11.85

Delivered to Your  
Nearest Express Station

STRAWBERRIES

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

We desire to call especial attention to the Everbearing varieties listed. They should prove of more than usual merit for both home culture and market purposes.

We do not recommend fall planting in Montana.

Pamphlet on Strawberry and Bush Fruit Culture FREE, on APPLICATION



Champion Everbearing Strawberry

EVERBEARING STRAWBERRIES

This type of Strawberry is becoming a great favorite in the northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable.

**Pride of Montana**—(See Color Plate)—This berry originated in the Bitter Root Valley and are very large in size, being larger than the Mastodon and more prolific than the Progressive and increase in size from the first picking up until the last. The plants and fruit will stand fairly heavy frost and are highly recommended.

**Champion Everbearing**—Derived from a seedling of Superb. Similar in many respects but larger fruited and more productive. Can stand a great deal of grief and show results in seasons where others fail.

**Progressive**—One of the first of this type to be introduced, and is still considered one of the best. It is extremely hardy, very productive, bearing well formed berries of a most delicious flavor. This variety is more generally grown than all others in Montana, and is equally valuable for the home garden or the commercial grower.

PRICES ON ABOVE THREE VARIETIES

50 plants	\$1.25	500	\$ 8.00
100 plants	2.00	1000	14.00

STANDARD TYPE STRAWBERRY

**Senator Dunlap**—Hardy, strong grower, prolific plant-maker, good bearer of firm berries and stand transportation well. The best early mid-season berry for Montana and more generally planted than any other. Perfect flowering.

50 plants	\$1.25	500	\$ 8.00
100 plants	2.00	1000	14.00

All prices on trees, shrubs, and plants include delivery to your nearest express station



# Vegetable Plants and Garden Roots

## TOMATO PLANTS

Tomatoes can be grown in Montana with great success except in the highest altitudes. As a staple article they should be grown more extensively than they are, although the quantity now grown is very large. It is also found practical to grow sufficient quantities of this delicious and healthful fruit for canning purposes as well as for fresh table consumption. For quick results we strongly recommend our pot-grown plants which we produce by the thousands. The picture below will give you an idea of size, etc. of both the 3 and 4 inch pot grown stock. We grow quantities of the best known varieties in our testing grounds and we strongly urge all interested to pay us a visit and note our methods of growing.

For those who prefer box or flat grown stock we also carry all the varieties listed below.



Specimen of 4 inch and 3 inch Potted Tomatoes

Pot grown plants while more expensive are far more satisfactory, and when only a few are to be planted, we strongly advise the pot grown, as they will under normal conditions produce far more fruit and produce it earlier, a most decided advantage in regions where early frosts prevail.

The following varieties are best suited for our climate.

**Marglobe**—A variety introduced by the United States Dept. of Agriculture. It is of fine appearance, noted for its great productivity, deep globe shape and superb table qualities. Color, a beautiful scarlet that ripens well up to the stem. Rust resistant.

**Market King**—A variety that has met with much favor. A medium sized fruit, and a heavy cropper.

**Orange Sunrise**—One of the best yellow varieties yet introduced. A free fruiter of medium size.

**John Baer**—One of the earliest varieties for Montana, of splendid color and flavor. A heavy yielder and good sized fruit.

**Bonny Best**—Another good early sort.

**Earliana**—Fruit large.

**Alpha Pink**—The earliest pink tomato in cultivation.

### Prices of Tomatoes

Dozen, 3 inch pot grown plants, \$1.25; dozen, 4 inch pot grown plants, \$2.50; dozen, from boxes, 65c; 100, \$8.25; six at dozen rate.

**BIDE'S N. C. O.**—A new introduction in the Tomato World. This fine new variety is a cross between the famous Bide's Reeruit and the popular Radio. It is very short jointed with double trusses, a wonderful cropper with heavy bunches of smooth, firm thin skinned fruit borne out as far as the 10th and 12th trusses. The fruit is of practical size, about 6 or 7 fruits to the pound and exceedingly firm with very little seeds. We have a limited supply of this brand new dandy variety and suggest that you try one plant with your order.

PRICE, EACH, FROM 3 INCH POTS, 50c.

## CHIVES—Snittlauch

Small, hardy perennial plants, resembling the onion in appearance and growing in clusters. They are grown for the young leaves, which are produced from early in the Spring throughout the summer. They give a mild onion flavor to sausages, salads and various dishes. As soon as the tops appear in the Spring they can be shorn off close to the ground, as needed. There should be a cluster in every garden.

Each Cluster, 25c; doz., \$2.00.

## ASPARAGUS ROOTS

Asparagus is today one of the most used vegetables. It is very easily grown, and a bed when once established will more than repay any housewife who loves to have this delightful vegetable for her table in the early spring, and also for canning for winter use.

**Palmetto**—Early and of excellent quality. 1 year old, dozen, 45c; 100 \$2.40; 2 year old, dozen, 60c; 100, \$3.60.

**Washington Rust Resistant**—A new variety, above all others in size, vigor, quality, and tenderness.

Prices, Doz., 1 year old, 50c; 100, \$3.00; 2 year old, doz., 75c; 100, \$4.00.

For a home garden, plant asparagus roots 18 inches apart in rows 2½ feet apart, 100 roots for a patch 20x20 feet, 5000 to 7000 roots will plant an acre.

## EGG PLANT

(Ready May 20th)

To have success with egg plants it is necessary to get our pot grown plants. Set out in a sheltered sunny location.

Price per doz., 3 inch pot grown .....\$1.50

## HORSE RADISH

(Nice Roots)

Each .....15c; doz., \$1.25

## MINT

**Spear**—For mint sauce and flavoring.

Each .....20c; doz., \$2.00

## PARSLEY

A valuable herb used for seasoning and garnishing.

Each .....10c; doz., \$1.00

## PEPPER

(Ready May 20th)

**Large Bell or Bull Nose**—The variety for Montana.

Large early variety. Flesh is thick, of a mild flavor and of a shape that is desirable for filling, prepared in which manner they are delicious. Good bearers, excellent for home and market.

**Cayenne Long Red**—The real red hot kind, very prolific.

**Pimiento**—The mildest flavored of all peppers, grown extensively for pimientos, pickles and pulp. Very productive—Its smooth, thick flesh and uniform shape make it an excellent shipper.—Should be in every garden where a sweet flavored pepper is wanted both for salad or stuffing purposes.

Price of any of the above varieties, per doz., 65c; 100, \$4.50.

## RHUBARB—Pieplant

33 to 100 ft. of row. 5000 to acre. 5x3 feet.

Requires a deeply cultivated and thoroughly manured soil—the more the manure the better the stalks.

Very easily grown and becoming yearly in greater demand. No housewife can afford to be without it. Our VICTORIA strain is not surpassed by any for its fine grain, its early propensity and delicious flavor. Excellent for pies and sauces and of great value for canning for winter use.

Rhubarb can be cured by cutting the stalks into small pieces; stringing them and exposing to the sun until perfectly dry. Keep in a dry place.

**S. N. & S. Co's. Victoria**—Large red stems.

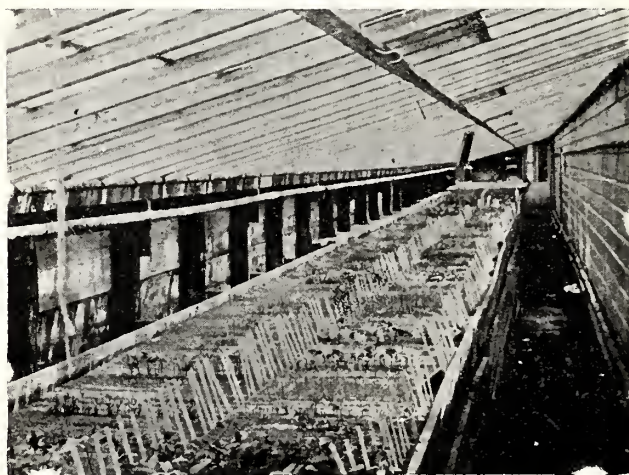
Each, 2 year old .....35c; doz., \$3.00

If wanted in quantities—write for prices.

## SAGE

A valuable herb used for seasoning.

Plants from 4 inch pots, each .....25c



Seed Testing in one of our Greenhouses

OUR VEGETABLE PLANTS WILL ASSURE YOU OF AN EARLIER CROP



CABBAGE



A field of Copenhagen Market Cabbage in our testing grounds demonstrating that our own Montana grown cabbage plants are the best

As last year and the year before, we are listing only our own cabbage plants; for actual results have shown they make better growth than the so called frost proof cabbage for they do not receive the set back suffered by the latter.

Our cabbage plants are grown in cold frames and are carefully hardened off. Should the season be normal we shall be ready to ship by May 1st, if it is late we shall ship accordingly. Too early planting of the late varieties often results in "splitting." Early cabbage may be set out in May but late varieties should be planted from June 1st on. We offer only varieties which have proven the best in vigor, quality and weight for this section.

Early cabbage 10,000 to 12,000 plants per acre.  
Late cabbage 6,000 to 8,000 plants per acre.  
The following cabbage plants will be ready about May 1st and can be successfully planted up to the middle of June.

Early Varieties

Ready about May 1st to June 15th

- Copenhagen Market—Early round head, vigorous grower and yielder and one of the best.
- Early Jersey Wakefield—Early cone-shaped heads, uniformly hard and solid. Few outside leaves, heart well blanched.
- Glory of Enkhuizen—Earliest and largest white cabbage—solid ball shaped heads with few outside leaves, very tender—heavy yielder.

Late Varieties

Ready About May 10th to June 15th

- Late Flat Dutch—Heads large, bluish green, sure header, good keeper—excellent fall and winter variety.
- Hollander or Danish Ball Head—Vigorous compact grower, exceedingly hardy in resisting cold or dry weather, heads very solid and of fine quality—good shipper.
- Danish Round Head—Improved—Very vigorous, wonderful capacity for withstanding hot sun, very solid, crisp and tender.

Prices of Early and Late Cabbage

Thousand .....	\$7.50
Hundred .....	\$1.00
Fifty .....	\$.60
Twenty-five .....	\$.40

- Red Cabbage—The most solid of the Red Pickling varieties, sure heading and tender.
- Savoy Cabbage—The most solid heading Savoy, plants being strong and vigorous and withstands the ravages of the Cabbage worms better than other sorts.
- Brussel Sprouts—A very palatable cabbage vegetable. Very easily grown and profitable for the market gardener.

Prices of Brussel Sprouts, Red Cabbage, and Savoy Cabbage

Hundred .....	\$1.50
Fifty .....	\$.90
Twenty-five .....	\$.50

DON'T FORGET YOUR MOTHER ON YOUR BIRTHDAY — SEND HER FLOWERS

CAULIFLOWER

Ready About May 1st to June 15th

50 plants per 100 ft. of row. 8,000 plants per acre 3ftx2ft. Cauliflower grows splendidly in Montana. A money making crop in favored sections.

S. N. & S. Co's. Snowball—For Fall and Winter use.	
Hundred .....	\$1.50
Fifty .....	\$.80
Twenty-five .....	\$.50
Dozen .....	\$.30

CELERY

Ready about May 1st

14,000 to 15,000 Plants to the Acre. 100 to 100 ft. of row

S. N. & S. Co's. Golden Self-Blanching—Early, solid, crisp delicious flavor.

S. N. & S. Co's. White Plume—For Fall and Winter use. Self Blanching.	
Thousand .....	\$10.00
Hundred, either variety .....	1.40
Fifty .....	.90
Twenty-five .....	.65

CUCUMBER

(Ready about May 20th)

The demand for our specially pot grown cucumbers has made rapid strides. We grow from 3 to 4 in a pot, sufficient for a hill and should not be divided, but set out as recieved. All plants are shipped in paper pots.

We have splendid White Spine, Long Green and Boston Pickling varieties.

From pots, each, either kind.....20c; doz., \$1.75

BERMUDA ONION PLANTS—Southern Grown

We have made arrangements to handle the above variety of onion plants which will be of exceptional quality.

In Thousand lots .....	\$3.00
In Hundred lots .....	.75
Fifty .....	.50
500 at 1000 rate.	

If wanted in larger quantities please write for prices.

SWEET POTATO PLANTS

(Plants ready about May 25th)

Culture—Set plants about 18 inches apart. For a few days after planting protect against extreme heat, strong wind and cold nights. A warm soil with a southerly exposure is the ideal. For those who wish to try Sweet Potatoes we are listing the Yellow Jersey which is probably the best for Northwest conditions.

Hundred .....	\$2.00
Fifty .....	\$1.25
Dozen .....	\$.50

If convenient you should visit our seed trial grounds and see the different varieties of vegetables growing.



Field of Our Mountain Danvers Onion (Seed)



# CUT FLOWER DEPARTMENT

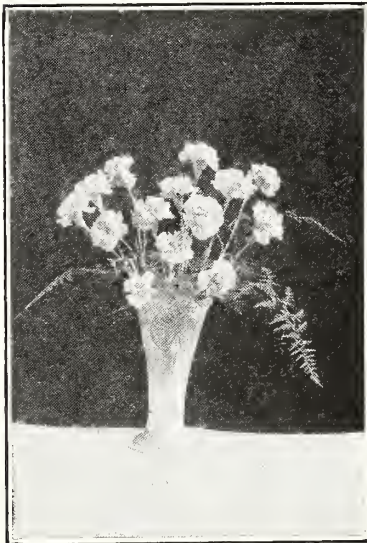
## FLOWERS BY TELEGRAPH

Flowers delivered anywhere through the Florists' Telegraph Delivery Association, composed of over 4,000 of the most reliable florists in the country. We can deliver flowers and plants anywhere in the United States and Canada, and to many points in Europe on short notice. There is no additional charge for this service, except the cost of the telegram. You can save the cost of a telegram if there is time to write.

## "SAY IT WITH FLOWERS"

For  
Congratulations, Well Wishes, Affections, Joy,  
Sympathy, Good Cheer.  
Remembrances

Birthdays, Weddings, Anniversaries, Holidays,  
Family Gatherings and Convalescing Days.



A vase of Our Carnations

Our Cut Flower Department is one of the most complete and fully equipped of any firm in the Northwest. Our large plant, consisting of fifty-five greenhouses containing 300,000 square feet of glass furnishes a large variety of blooms. Our aim is to produce flowers of the highest quality and by the introduction of new varieties to keep improving the selections that we have to offer you.

All of our work is finished in an artistic manner by competent florists and every care in packing is taken so that the flowers will reach you in perfect condition.

When time is limited, it is always best to use phone or telegraph, so as to enable us to make proper delivery of the order.

Our customers will obtain from these pages some idea of what we have to offer, and we can always be relied upon to furnish the latest and most appropriate designs in anything floral, for any occasion whatever.

For flowers of any description, phone 327, Helena, Montana, any time before 6:00 P. M. After 6:00 P. M., telegraph the State Nursery and Seed Company, Helena, Montana and we will guarantee satisfaction.



A vase of Our Roses

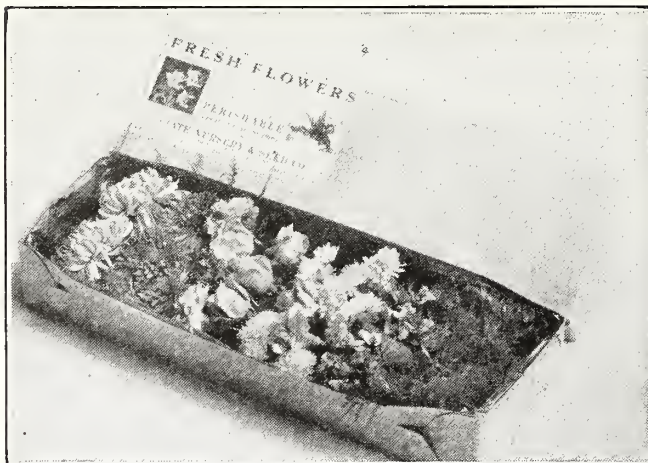
## \$3.00 OUR BOUNTIFUL BOX \$3.00

Postpaid

Postpaid

Contains a selected assortment of seasonal flowers arranged in gift form for any season of the year.

A Very Popular Present.



Bountiful Box

## SPECIAL BOXES CUT FLOWERS

We take great pride in our Box Assortments of freshly cut flowers and in this particular specialty every box will be found to contain choice, seasonable flowers of the highest grade, all packed artistically and sent ANYWHERE EXPRESS PREPAID.

**\$5.00 \$7.50 \$10.00**

## CANDLES

We have a complete assortment in various colors so that we can carry out any color scheme.

Dinette Tapers, 19 inch, any color, per pair.....55c

Yuletide, 15 inch, 1 1/4 inch diameter, red only, each.....55c

We have a splendid line of baskets, jardinières, bowls, vases and candlesticks. Write us if in need of anything in this line.

We wish all our customers and friends to know that they have at their command one of the largest and best equipped FLORAL ESTABLISHMENTS in the Northwest. In times of emergency phone or telegraph your order feeling assured that it will be promptly filled by competent florists with quality flowers.

A Splendid Way to Remember Your Friends No Matter Where They Live Is to "Say It With Flowers"





One of Our Corsages of Violets and Roses

CUT FLOWERS

	Per Doz.
Roses—Red, pink, and white .....	\$3.00, \$5.00
Carnations .....	\$1.50
Violets .....	per bunch \$ .50
(Season Nov. to April.)	
Chrysanthemums, choice yellow, pink & white..	\$4.00, \$5.00, \$7.50
Pom-Pon Chrysanthemums .....	\$1.50 and \$2.50
(Season Oct. to Dec.)	
Tulips .....	\$1.50, \$2.00
(Season Feb. to May.)	
Narcissus .....	\$1.50
(Season Feb. to April.)	
Freesias .....	\$1.50
(Season Nov. to Feb.)	
Gladiolus .....	\$3.00
(Season May to Oct.)	
Asters .....	\$1.00
(Season July to Oct.)	
Peonies .....	\$3.00
(Season June.)	
Orchids .....	each \$3.00
Easter Lilies .....	\$5.00
(Season April to June.)	
Calla Lilies .....	\$5.00
(Season Oct. to May.)	
Fern Leaves .....	\$.25
Maiden Hair Fern, per doz. sprays .....	\$.60
Asparagus Plumosus, per doz. sprays .....	\$.75
Asparagus Sprengerii, per doz. sprays .....	\$.75



One of our Poinsettias without Ferns

**A SUGGESTION**  
A nice blooming plant or a fern makes an ideal gift or remembrance.  
Our selection of plants in season, \$1.00, \$1.50, \$2.50, \$5.00.

**For ANNIVERSARIES, BIRTHDAYS, ETC.**  
We carry the latest novelties in baskets, ferneries, jardinières, etc. from \$1.50 up.

CORSAGES

Our corsages are made of roses and sweet peas, also violets and orchids when in season.

Prices, \$2.50—\$3.00—\$5.00—\$7.50 and \$10.00

STATE NURSERY SPECIAL CORSAGE

These are made of choice flowers of our selection and are guaranteed to give satisfaction. They are very neat and nifty, contain extra value and are very popular.

Each, \$2.50.

All corsages are tied with ribbon to match the flowers and pins accompany them.



A Vase of Chrysanthemums, The Thanksgiving Flower

WEDDINGS

At formal weddings, flowers always play a very important part. Having at all times a large production of flowers under glass a choice selection for wedding bouquets is always available.

Brides bouquets are usually "showered" while those for bridesmaids have short ribbon decorations. When we furnish bridal bouquets our patrons may depend upon getting the same in styles dictated by the latest fashions. When ordering bouquets for bridesmaids it is well, if possible, to make known the shades of the dresses these ladies are to wear.

**Shower Bouquets**—Composed of Orchids, Bride Roses or other seasonable flowers. Price, \$10.00 to \$35.00.

**Bridesmaids Bouquets**—In colors to correspond with the ladies' gowns. Price, \$5.00 to \$25.00.

Prices naturally vary depending upon the desire of the customer as to the content, arrangement, etc., of the bouquet.

A Postcard will bring any of our special folders which we issue at Christmas, Thanksgiving Day, Easter, Mothers' Day and Decoration Day.

FUNERAL FLOWERS

Flowers have the power of expression where human words and writing fail.

On short notice we can prepare any design or emblem desired. Our large extent of greenhouses gives us ample stock from which to choose, which with competent florists gives you an artistically arranged selection that cannot be excelled.

Funeral Sprays (all arranged with a good foundation of green) from \$2.50 and up.

Wreaths, \$5.00, \$7.50, \$10.00 and up  
Pillows, \$7.50, \$10.00, \$15.00 and up

EMBLEMS OF FRATERNAL ORGANIZATIONS

Prices range from \$5.00 to \$25.00 each. When ordering state amount you wish to pay and we will guarantee satisfaction.

On Your Birthday Send Flowers to Your Mother

Don't forget that we can deliver flowers to your Mother no matter where she is located. Our membership in the F. T. D. Association enables us to send flowers anywhere in the world.

DECORATIVE WREATHS AND SPRAYS

For Cemetery Use

Very satisfactory, a large number being sold for this purpose at Christmas and Memorial Day. Made of prepared foliage and flowers artistically arranged.

Prices, \$4.00, \$5.00 and \$6.00 each.

When the Dark Days of Winter Have Settled Down, Brighten Your Home With Flowers



S. N. &amp; S. Co's.

PEERLESS

# FLOWER SEEDS

ALL FLOWER SEEDS ARE POSTPAID

What Is Home Without Beautiful Flowers?

COMPLETE

LIST

The following pages contain seeds of annuals, perennials and biennials, which terms are explained opposite. The choice of flowers for a bed or border should be made on no other basis than beauty, and to obtain the best results and a continuance of bloom it is often necessary to combine annuals and perennials.

All the seeds of annuals do well if planted in the open ground from the 1st to the 15th of May and perennials if planted early will give some bloom the first year, although, of course, it is the second and successive years they are at their best. The chief essentials for success with all flower seeds are to have the soil well worked with a fine seed bed and not to sow the seeds too deeply. Where early plants are desired seeds may be started in the house in boxes.



Annual Flowers in Our Trial Grounds

## ABRONIA UMBELLATA—Sand Verbena

Very pretty trailing plants with numerous clusters of sweet-scented flowers. Is excellent for growing in baskets, rockeries or the open border. Rosy pink. Does well in light soil. Annual. Pkt., 5c; ¼ oz., 35c; ½ oz., 55c.

## ACROLINIUM—Everlasting Flower

A very pretty half-hardy annual, producing white and rose colored double daisy like flowers. These are known as "Immortelles" and are desirable for wreaths and winter bouquets. Double mixed. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

## ARCTOTIS GRANDIS

**BLUE EYED AFRICAN DAISY**—Easily grown from seed. The daisy-like flowers measure 2½ inches across. They are silvery white with a sky-blue eye surrounded by a narrow yellow zone. The under part of the petal is lilac-blue. Borne on long stems. One of our most attractive annuals. Pkt., 10c; ¼ oz., 35c; ½ oz., 55c; oz., 95c.

## AFRICAN GOLD DAISY (Dimorphotheca Aurantiaca)

The single daisy-like flowers are 2½ inches in diameter, and of a unique glossy terra cotta orange, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. The plants grow from 8 to 12 inches high and are very profuse flowering especially in dry situations. Hardy annual. Pkt., 10c; ¼ oz., 35c; ½ oz., 55c; oz., 95c.



African Gold Daisy



Alyssum—Sweet

## ALYSSUM

A fragrant hardy annual, bearing spikes of small flowers in great profusion throughout the summer and autumn. Useful for border or early bedding flowers. Sow the seed early in spring.

**Sweet Alyssum**—A well-known, fragrant, low growing, spreading variety. Pure white flowers. Pkt., 5c; ½ oz., 25c; oz., 40c.

**Pure White**—Grows only 2 to 3 inches high and flowers profusely.

**Carpet of Snow**—Pure white. Exceedingly useful for border and cemetery purposes. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.

**Lilac Queen**—Hardy Annual. Deep lavender lilac. Pkt., 10c; ¼ oz., 40c.

**Little Gem**—Three to four inches high, pure white, fine for borders. Pkt., 10c; ¼ oz., 25c; oz., 75c.

**ALYSSUM SAXATILE COMPACTA**—or (Basket of Gold)—A hardy dwarf perennial, very useful for rockwork, literally covering itself with yellow flowers. Blooms first season if sown early indoors. Pkt., 15c; ¼ oz., 75c.

**Annuals**—Bloom first year from seed and die after one season.

**Biennials**—Bloom second year from seed and plant dies after second year.

**Perennials**—Bloom second year from seed and plants live and bloom for several years.

**Tender**—Means plants will not stand the least frost.

**Half-Hardy**—Means plant will stand a little frost and needs protection.

**Hardy**—Means plants will stand considerable frost.

## AGERATUM

### Floss Flower

#### Blue Perfection

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blue blossoms all summer. They make fine house plants in pots during winter time. Pkt., 5c; ¼ oz., 30c; ½ oz., 50c.



Ageratum—Blue Perfection

## AMARANTHUS TRICOLOR—Joseph's Coat

These plants afford brilliant contrast of colors, being useful for borders and groups; also, where foliage effects are desired. The leaves and stems are of different shades of red, blended with green. Half-hardy annual. Mixed. Pkt., 5c; ¼ oz., 30c.

## ANTIRRHINUM—Snapdragon

S. N. & S. Co's. Tall Giant Flowering Varieties

Antirrhinums in recent years, have become very popular, they are very satisfactory for borders, bedding, pot culture, for house decoration. 2 to 3 feet, bearing long spikes of large flowers.

**Giant Rose Pink** ..... Pkt., 10c  
**Giant Yellow** ..... Pkt., 10c  
**Giant White** ..... Pkt., 10c  
**Tall Giant Mixed**, pkt., 10c; 1-16 oz., 40c; ¼ oz., 65c; ½ oz., \$1.10.

### S. N. & S. Co's. Half Dwarf Large Flowering Varieties

A splendid type growing about 18 inches high, especially valuable for bedding and cutting purposes.

**Daphne, Silver-Pink** ..... Pkt., 10c  
**Defiance, Fiery Scarlet** ..... Pkt., 10c  
**Firebrand, Scarlet, Yellow Lip** ..... Pkt., 10c  
**Golden Queen, Rich Pure Yellow** ..... Pkt., 10c  
**Purity, Pure White** ..... Pkt., 10c  
**Rose Queen, Rose Pink, Yellow Lip** ..... Pkt., 10c  
**Half Dwarf, Choice mixed** ..... Pkt., 10c; 1-16 oz., 35c; ¼ oz., 55c.

### Collection Snapdragons

One packet each of the above six named varieties. (Value, 60c).

POSTPAID FOR 50c



Snapdragon

**AQUILEGIA**—(See Columbine)—Page 59.

**ANGEL'S BREATH**—(See Gypsophila)—Page 62.

DON'T OVERLOOK OUR SWEET PEA NOVELTIES



**ANCHUSA ITALICA—Dropmore Variety**

One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough leaved stems growing to a height of four feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hardy border. Pkt., 10c;  $\frac{1}{8}$  oz., 30c.

**ANCHUSA CAPENSIS**

A new easily grown showy annual of dwarf compact type with vivid indigo blue blossoms. Pkt., 15c;  $\frac{1}{8}$  oz., 25c;  $\frac{1}{4}$  oz., 40c;  $\frac{1}{2}$  oz., 65c.



Asparagus Plumosus

E.N.

**ASPARAGUS**

**Plumosus Nanus**—A graceful foliage plant with fern-like leaves of a rich green color. The leaves are finely divided and very useful for cutting. An excellent pot-plant. This is a most satisfactory house-plant and will keep in good condition for many years if it is given just average care. Keep the plants near the window and water thoroughly two or three times a week. Pkt. (25 seeds), 25c.

**Sprengeri (Emerald Feather)**—This variety is well known under the name "Asparagus Fern" and makes a magnificent pot-plant, with its long, drooping branches. Also grown extensively for cutting. It gives grace and an airy effect to any bouquet. Easy to grow and easy to keep in any well-ventilated living room. The plants increase in size and beauty as they grow older. Pkt. (25 seeds), 15c.

**ASPERULA**

**Azurea—Blue**—Grown for its fragrant leaves and stems, when dried have a sweet odor, and are used for putting among clothes, etc. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**TXCTORIA—(Sweet Woodruff)**—An old-fashioned fragrant hardy perennial plant, greatly loved for its fragrance when dried, resembling the sweet odor of new mown hay. Bears small white flowers. Eighteen inches. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

# ASTERS

As a popular flower the Aster ranks with Sweet Peas, Pansies and Nasturtiums. No flower is more popular, and few have held a place in popular esteem for so many years and it is still growing in favor. Hardy Annual. For an autumn show of flowers, we have not its equal. We offer only Asters of superior quality.

We might add we sow our Aster seeds outside about the 1st of May and we always have an abundance of blossoms. Asters so started give excellent results and are not so liable to disease.

**ASTER****Queen of the Market**

Very desirable on account of earliness as well as profuse blooming. The plants are somewhat compact but of branching habit, bearing on long stems from ten to fifteen finely formed double flowers of medium size. The blooms although rather flattened are not so large as those of the late sorts, are fine for cutting. Blooming in latter part of July.

Bright Pink	.....	Pkt., 10c
Purple	.....	Pkt., 10c
Pure White	.....	Pkt., 10c
Lavender	.....	Pkt., 10c
Rose	.....	Pkt., 10c
Mixed, $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 75c	.....	Pkt., 10c



SNC

**COLLECTION—Queen of the Market Asters**

Five pkts., one each of the named varieties. (Value 50c).  
POSTPAID FOR 40c

**KING ASTERS (Needle Type)**

This magnificent class of Aster is different from all others. The long narrow petals are folded lengthwise, appearing as if quilled. The flowers are of great size and substance, and last longer when cut than those of any other class. Bloom in August. 18 to 24 inches.

Crimson King	.....	Pkt., 10c	Rose King	.....	Pkt., 10c
Lavender King	.....	Pkt., 10c	White King	.....	Pkt., 10c
Pink King	.....	Pkt., 10c	Violet King	.....	Pkt., 10c
Any of above named varieties	.....	$\frac{1}{8}$ oz., 35c; $\frac{1}{4}$ oz., 55c			
King Asters, mixed, pkt., 10c	.....	$\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c			

King Aster Collection, six above named varieties (value 60c), POSTPAID FOR 50c.

**EARLY WONDER OR EXTRA EARLY EXPRESS**

These are the earliest Asters in cultivation flowering middle of July if seed is sown in March. The flowers are of good size, quite double, borne on good long stiff stems, making them of great value for early large blooms. White ..... Pkt., 15c  
Pink ..... Pkt., 15c  
Dark Blue ..... Pkt., 15c  
Finest Mixed ..... Pkt., 15c  
Any of the above named varieties .....  $\frac{1}{4}$  oz., 75c

Collection Early Wonder Asters, one packet each above named varieties, 35c



Aster—Extra Early Express

SNC

**ASTER—California Giants**

This is an entirely new type of Aster, which combines the wonderful habit of the American Beauty Asters. The plants make a strong upright growth, reaching a height of two feet. They branch close to the ground and form a well-rounded bush. The flowers are extremely large, measuring nearly five inches in diameter. The petals are whorled and curled, giving a most artistic shaggy flower like a giant Chrysanthemum. The plants begin to bloom during mid season and continue to produce full-sized flowers until frost. Exceptionally fine for cutting, lasting a long time in water.

**White**—This lovely variety has large long-stemmed flowers of a pure paper white. Pkt., 25c;  $\frac{1}{8}$  oz., 65c;  $\frac{1}{4}$  oz., \$1.10;  $\frac{1}{2}$  oz., \$1.90.



SNC

Aster—California Giant

**Peach Blossom**—This is a charming shade, somewhat similar to peach blossoms. It is a cream-pink of great beauty. The large, well-formed flowers make up into most artistic bunches. Pkt., 25c;  $\frac{1}{8}$  oz., 65c;  $\frac{1}{4}$  oz., \$1.10;  $\frac{1}{2}$  oz., \$1.90

**Light Blue**—A shade of silvery blue of great beauty. This color is a great favorite with both young and old. Pkt. 25c;  $\frac{1}{8}$  oz., 65c;  $\frac{1}{4}$  oz., \$1.10.

**Deep Rose**—Is an attractive color which makes a fine display in the garden and is well suited for cutting. It blooms very freely. Pkt., 25c;  $\frac{1}{8}$  oz., 65c;  $\frac{1}{4}$  oz., \$1.10;  $\frac{1}{2}$  oz., \$1.90.

**Dark Purple**—A rich shade of bluish purple. Blooms freely and continuous from midseason until frost. Pkt., 25c;  $\frac{1}{8}$  oz., 65c;  $\frac{1}{4}$  oz., \$1.10;  $\frac{1}{2}$  oz., \$1.90.

**California Giants, Mixed**—This mixture contains the proper balance of the five colors described above. It will make a magnificent bed. Pkt., 25c;  $\frac{1}{8}$  oz., 50c;  $\frac{1}{4}$  oz., 85c;  $\frac{1}{2}$  oz., \$1.50.

**COLLECTION OF CALIFORNIA GIANT ASTERS**

We will mail one packet each of the four varieties, Peach Blossom, Light Blue, Deep Rose, and Dark Purple (value \$1.00). Postpaid for ..... **75c**

**ASTERS—Finest mixed.** All colors ..... Pkt., 10c;  $\frac{1}{4}$  oz., 10c.

**ASTER—OR MACHAELMAS DAISY—(Hardy Perennial)**

Hardy, handsome flower of easy culture, appearing at a time when flowers are scarce; make attractive garden display as well as cut flowers. If seed is sown indoors very early and seedlings set in open as soon as large enough to handle, they will bloom the first season. Do best in sunny location. Height 2 to 3 feet. Mixed, Pkt., 15c;  $\frac{1}{4}$  oz., 50c.

A BED OF ASTERS IS INDEED A THING OF BEAUTY





Aster—Crego's Giant

**CREGO'S GIANT**

One of the finest of the Aster family, producing immense flowers, often measuring 5 inches in diameter, and of a fluffy texture. The petals of the flowers are attractively curved and twisted, resembling an ostrich feather. They retain their beauty when cut for a long time. Twelve to fourteen inches.

White ..... Pkt., 15c  
 Lavender ..... Pkt., 15c  
 Crimson ..... Pkt., 15c  
 Pink ..... Pkt., 15c  
 Finest Mixed ..... Pkt., 15c  
 1/8 oz. any above colors 35c  
 1/4 oz. any above colors 55c

Collection Crego's Giant Asters. One packet each of four above named colors ..... 50c

**ASTER—ROYAL**

One of the largest and most valuable of the branching type of Asters, blooming during mid-season and following Queen of the Market. Flowers ball shaped with broad incurved petals towards the center, borne on long stiff stems. Height two feet and branching freely near the ground, thereby producing long stems.



Aster—Royal

**Royal Lavender**—The color is a clear bright shade of lavender. It is a flower of large size and will stay fully double throughout the blooming season.

Pkt., 10c; 1/8 oz., 35c;  
 1/4 oz., 55c; 1/2 oz., 95c.

**Royal Pink**—The flowers are large and fully double. The color is a rich pure pink. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c; 1/2 oz., 95c.

**Royal White**—Is planted most extensively. It is a well-shaped, fully double flower, composed of thick, substantial petals. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c; 1/2 oz., 95c.

**Royal Rose**—Flowers of a bright luminous rose color, borne on sturdy and strong plants. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c; 1/2 oz., 95c.

**Royal Purple**—It is a handsome flower, borne on exceptionally long stems. The color is a deep shade of rich blue-purple. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c; 1/2 oz., 95c.

**Royal Asters Mixed**—This mixture of Royal Asters includes the proper proportion of all the fine varieties listed above. It is a grand mixture which is sure to please. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c; 1/2 oz., 85c.

**COLLECTION OF ROYAL ASTERS**

The three colors included in this Collection will make a fine bed or border. They harmonize wonderfully well.

The collection contains one packet each; Royal Lavender, Royal Pink, and Royal White, mailed to any address, postpaid for ..... **25c**

**ASTERS—Four Wonderful Asters****ASTER—Heart of France**

The best red Aster ever introduced. The petals are of a velvety texture and a warm-glowing color which is retained to the end. One distinctive feature is that in any light, either natural or artificial, the color is the same beautiful, rich red. Heart of France keeps indefinitely when cut, and the stems are long and strong. Pkt., 15c; 1/8 oz., 50c; 1/4 oz., 75c.

**ASTER—Lavender Gem**

One of the most beautiful Asters, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt., 15c; 1/8 oz., 50c.

**ASTER—Peerless Pink**

This is conceded to be the finest pink late-flowering Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c.

**ASTER—Everlasting**

**Everlasting Flesh**—This curious Aster was found in our fields a few years ago and it has retained its peculiar characteristics during the four years we have been propagating it. It resembles somewhat a large Helichrysum, or Strawflower; when cut and dried it retains its flesh color and its shape, as an everlasting flower for winter decoration. Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.

**ASTERS—Single Giants of California**

We offer these wonderful new asters for the first time. The flowers are large, measuring three to four inches across, with stems 18 to 24 inches in length. The petal has a slight twist, which adds a piquant touch to its beauty. The blossoms resemble Shasta Daisies in appearance, but their greater length of stem makes them more graceful. In the garden, the Single Giants of California add a charming note of simplicity among the fuller types of Asters. We believe this new, single type of Aster is destined to become very popular.

	Pkt.
White .....	15c
Rose .....	15c
Light Blue .....	15c
Purple .....	15c
Lilac .....	15c
Flesh .....	15c
Mixed .....	15c
1/8 oz. ....	60c
1/4 oz. ....	\$1.10
1/2 oz. ....	\$1.90



Asters—Single Giants of California

**BALLOON VINE****Love-in-a-Puff**

A rapid growing climber; thrives in light soil. One of the prettiest climbers with dainty white flowers. Annual. Six to eight feet. Pkt., 5c; 1/2 oz., 25c.

**BARTONIA AUREA****Gold or Blazing Star**

One of the brightest garden flowers. It produces its large golden blossoms all summer in great abundance. 1 foot high. Hardy Annual. Pkt., 5c; 1/8 oz., 25c; 1/4 oz., 40c.



Bachelor Button

**BACHELOR BUTTON—Centaurea Cyanus**  
**Cornflower or Blue Bottle**

Of the easiest culture and thrives well in any ordinary garden soil. The plants require lots of sunshine, air and moisture. Sow outdoors the middle of April. Blooms from June until frost. 15 to 24 inches tall. Double.

Pink ..... Pkt., 10c; 1/8 oz., 25c	White ..... Pkt., 10c; 1/8 oz., 25c
Blue ..... Pkt., 10c; 1/8 oz., 25c	Mixed ..... Pkt., 5c; 1/8 oz., 25c
	1/2 oz., 40c; 1/4 oz., 70c.

**BEAN—Scarlet Runner**

A favorite old fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered from July until frost, with clusters of beautiful scarlet flowers. Annual. Pkt., 5c; 1/2 lb., 30c; lb., 50c; 2 lbs., 90c.

**BRACHYCOME****Swan River Daisy**

A hardy annual, growing from 8 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border. Pkt., 5c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 70c.



Brachycome or Swan River Daisy

**PLEASE REMEMBER**

About September 1st we issue a Bulb and Hardy Plant catalog, describing the fall bulbs such as Hyacinths, Tulips, Crocus, Snowdrops, etc. We also have at that time a complete list of hardy plants for fall planting. Our bulbs come from our own special grower in Holland while our hardy plants are of our own growing. We will be pleased to have the names of any of your friends who might be interested in this booklet. Ask for Bulb Catalog.

THE SCARLET RUNNER BEAN IS A DUAL PURPOSE BEAN



**BALSAM**

**Double Mixed**—Balsams like hot sun, rich soil and plenty of water. Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plant into a better shape and to make the flowers more double. Half-hardy Annual. Two feet. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c; oz., 75c.

**DIDISCUS COERULEA****Blue Lace Flower or Queen Anne's Lace Flower**

You will be delighted with this easily grown annual. It played an important part in our grand parents' gardens. Carried on stems 2 feet long, are broad lace-like heads composed of many delicate light blue flowers. The name Queen Anne's Lace Flower is most appropriately applied to the flowers because of the graceful form of the bloom which resemble in their quaint and artistic arrangement, the most delicate and dainty lace. It is easily grown and a splendid cut-flower, lasting unusually long in water. Bears a profusion of flowers from June until September. Of fine upright growth. Pkt., 10c; ½ oz., 35c; ¼ oz., 55c.

**BABY'S BREATH**—(See Gypsophila)—Page 62.

**BELLIS**—(See Daisy)—Page 59.

**BABY'S EYES**—(See Nemophila)—Page 65.

**CACALIA—Tassel Flower or Flora's Paint Brush**

A neat annual of easy culture with tassel shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed. Two feet. Pkt., 5c.

**CALENDULA—Scotch Marigold**

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.

**Meteor**—Large, Double, yellow, each petal striped with orange. Pkt., 10c; ½ oz., 25c; oz., 40c.



Calendula

**Favorite**—This is indeed a favorite. The color of the blooms is creamy white toward the base but the tips are beautifully shaded with a touch of rich mahogany-brown. Pkt., 10c; ½ oz., 30c; oz., 50c.

**Lemon Queen**—Pkt., 10c; ½ oz., 30c; oz., 50c.

**Orange King**—Very large, double, glistening orange flowers, borne abundantly throughout the season. Pkt., 10c; ½ oz., 35c; oz., 55c.

**CALENDULA—All colors mixed**—Pkt., 5c; ½ oz., 20c; oz., 35c.

**CALENDULA COLLECTION**

One packet each; Orange King, Meteor, Lemon Queen. Easily grown, lovely as cut flowers, value 30c.

POSTPAID FOR 25c

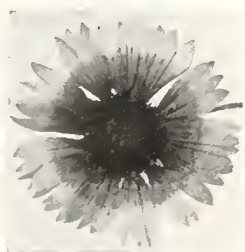
**CALLIOPSIS or Golden Wave**

A half-hardy annual of quick growth, doing well in almost any location, and blooming throughout the season. It is exceedingly showy and of easiest culture, are fine for cut-flowers. Sow the seed early in the spring when the maples are starting out in leaf. Sown as late as July 1, the plants will bloom freely during the fall until frost.

Mixed, Pkt., 5c; ¼ oz., 25c.

For **CALLIOPSIS** (Perennial)

See Coreopsis, Page 59

Calliopsis  
"Golden Wave"**CANARY BIRD VINE—Tropaeolum Canariensis**

A beautiful climber with curiously shaped blossoms. Will blossom freely from July until killed by frost. Tender annual. Sow in the house and transplant or in open ground. Height eight to ten feet. Pkt., 5c; ½ oz., 30c; oz., 50c.

**CASTOR OIL BEAN—Ricinus**

The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs. Six to eight feet. Annual. Mixed, Pkt., 5c; oz., 25c; ¼ lb., 75c.

**CANDYTUFT—Iberis Umbellata**Candytuft in our  
Trial Grounds

Among the most useful of perfectly hardy annuals. Plants bear neat clusters of flowers very freely. A most attractive border and cut flower, blooming profusely in cool weather. Height 12 inches.

**Pink** ..... ¼ oz., 40c; Pkt., 10c  
**White** ..... ¼ oz., 40c; Pkt., 10c  
**Crimson** ..... ¼ oz., 40c; Pkt., 10c  
**Lavender** ..... ¼ oz., 40c; Pkt., 10c  
**Fine Mixed** Pkt., 5c; ¼ oz., 20c; ½ oz., 35c; oz., 60c.

**Candytuft Sempervirens—Perennial**—A favorite perennial bearing heavy trusses of pure white flowers. The plants are of dwarf growth, twelve inches high, and are wonderfully adapted for edging or rock-work. They also make a fine display planted in solid masses. Commences to bloom early in the season. Pkt., 15c; ½ oz., 60c; ¼ oz., \$1.00.

**CANDYTUFT**

**Dwarf Hybrids**—The large flowers have a great range of beautiful colors. Of dwarf, compact growth; valuable for borders, edging and mass planting.

**Crimson** Pkt., 10c; ¼ oz., 50c    **Rose** ..... Pkt., 10c; ¼ oz., 50c  
**Flesh** ..... Pkt., 10c; ¼ oz., 50c    **White** ..... Pkt., 10c; ¼ oz., 50c  
**Lilac** ..... Pkt., 10c; ¼ oz., 50c    **Mixed** ..... Pkt., 10c; ¼ oz., 30c

**CANTERBURY BELLS**

**Campanula Medium**—Handsomeness hardy biennial, of stately growth, rich color and profuse bloomer. Should be given more protection in severe winter weather; colors: white and various shades of violet, rose lilac and blue. Height two to four feet. Single Mixed. Pkt., 10c; ½ oz., 30c.

**Calycauthema**—The new Cup and Saucer variety, larger and appear about two weeks earlier than those of the old type. A splendid plant for beds and pot culture. Perennial. Two feet. Mixed. Pkt., 15c; ½ oz., 40c.

**CARNATION**

**Marguerite**—This half-hardy perennial often blooms the first season from seed, and they are exceedingly valuable for bedding and pot culture. Very free flowering, exceedingly fragrant, large flowered and double. Eighteen inches.

**Red** ..... Pkt., 10c    **Yellow** ..... Pkt., 10c  
**White** ..... Pkt., 10c    **Mixed** ..... Pkt., 10c; ½ oz., 50c

**Giant or Malmaison**—This type is noted for its wonderful range of colors, and its free blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers of large size. Half-hardy perennial. Extra fine double mixed. Pkt., 15c; ½ oz., 65c.

**CATCHFLY—Silene**

An easy growing free flowering annual plant, producing dense umbels of white, red or rose colored blossoms. The plant is partly covered with a glutinous moisture, hence the name "Catchfly" Hardy Annual. Two to three feet. Mixed. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

**CELOSIA—Cockscomb**

Celosia Plumosa—(Cockscomb)

Splendid annuals for either pot culture or for the border. Well grown blooms often measure 12 to 14 inches, of a most brilliant color.

**Empress** — Rich crimson combs of mammoth proportions. Very attractive. Pkt., 10c.

**Anrea** — Dwarf—Golden yellow, Pkt., 10c.

**Dwarf** — Finest mixed. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

**Plumosa**—(Feathered Cockscomb)—A splendid strain of the tall growing plumed Cockscomb forming huge plumes.

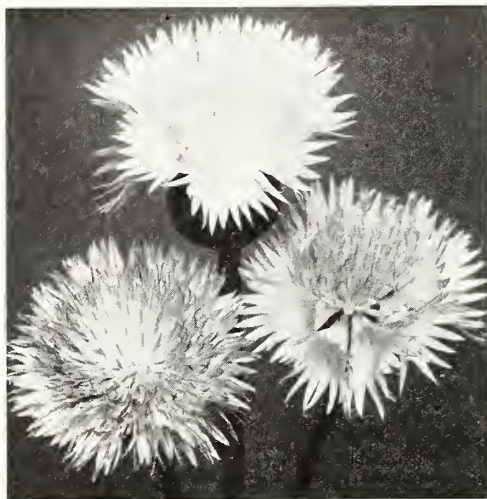
**C. Thompsoni Magnifica**—Mixed. Pkt., 10c; ¼ oz., 50c.

**CHILDSII—Chinese Woolflower**

**C. Childsii**—A distinct form of the plumed Celosia. Average height 2 feet, bearing flower heads of a purplish-crimson color resembling a ball of wool. Plant retains beauty and color until frost. A novelty which has attracted great attention. Pkt., 15c; ½ oz., 45c; ¼ oz., 75c; ½ oz., \$1.25.

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US





Centaurea

**CENTAUREA IMPERIALIS—Royal Sweet Sultan**

A justly favorite annual, coming into bloom in July, and continuing until frost. Excellent for cut flowers.

White ..... Pkt., 10c      Rose ..... Pkt., 10c  
 Lilac ..... Pkt., 10c      Deep Lavender ..... Pkt., 10c  
 Finest Mixed Colors ..... Pkt., 10c; ¼ oz., 35c  
 Ruthenia—Perennial with sulphur-yellow blooms. Pkt., 10c.

**CENTAUREA CYANUS**—(See Bachelor Button page 56)

**CHRYSANTHEMUM****French Marguerites or Painted Daisies****ANNUAL VARIETIES**

These early blooming annual garden varieties of out-door summer Chrysanthemum are entirely different from the large flowered varieties grown by florists. Very showy and effective for bedding or borders, also desirable for cut flowers. Plants grow 12 to 18 inches in height, and produce single daisy-like flowers of many bright colorings.



Chrysanthemum—Single

**Eastern Star**—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown, very striking. Pkt., 10c; ¼ oz., 30c.

**Northern Star**—Very large daisy-like flowers, 3 inches across, with pure white fringed petals with canary-yellow zone around a dark brown eye. Pkt., 10c; ¼ oz., 35c.

**Tricolor**—Single mixed Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

**Coronarium, Double Mixed**—A very fine garden variety including a wide range of colors such as white, rose, sulphur-yellow, golden yellow, orange, red, and maroon; 18 inch. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

**PERENNIAL VARIETIES**

These are the well known perennial Chrysanthemums, grown chiefly for the hardy Perennial border, of easy culture in most any position and location.

**Maximum—King Edward VII (Moonpenny Daisy)**

Considered the finest of all single, with flowers of extraordinary size of purest white, perfect form, and exceedingly free flowering, and borne on long stiff stalks well above the foliage. We recommend this excellent variety. Pkt., 10c; ¼ oz., 50c.

**Leucanthemum—Shasta Daisy—(Alaska)**

Very attractive, large white flowers 5 inches in diameter, with very broad petals, and long strong stems. Excellent for cut flowers. Pkt., 15c; ¼ oz., 35c; ½ oz., 60c.

**PERENNIAL CHRYSANTHEMUM**—See Illustration Page 31.



Shasta Daisy

**CHINESE LANTERN PLANT—Physalis Franchetti**

The Chinese Lantern Plant is grown for its showy scarlet-red seed-pods which are easily dried for winter bouquets. The plants are perfectly hardy, blooming during June and July. The flowers are white. Easily grown in any kind of soil whether sunny or semi-shaded. Perennial. Pkt., 15c; ¼ oz., 35c; ½ oz., 55c; 1 oz., 95c.

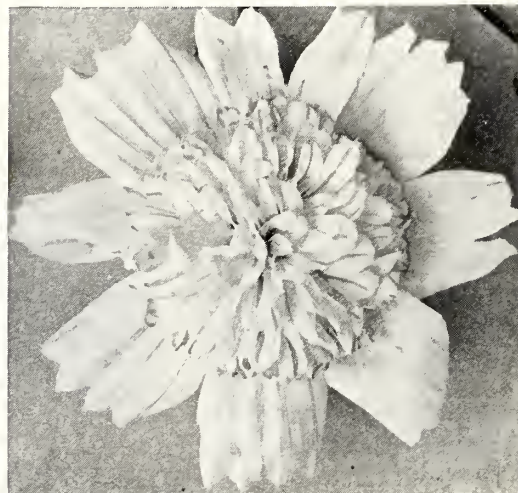
**COSMOS**

This well-known, popular annual has earned a place in the flower world because it bears large, beautiful flowers in late summer and autumn when flowers are scarce. We are proud of our Early-flowering Cosmos, especially selected for earliness and size of bloom. It grows so rapidly that seed can be sown out of doors where plants are to grow. In a few weeks the plants will be covered with a mass of large, beautiful flowers, and will continue to bloom until frost. The flowers of this excellent strain are fully as large and beautiful as the very best late flowering kinds. When the plants are about a foot high, they should be pinched out to induce a bushy growth. They prefer a light, dry, sandy or poor soil. Do not water very often. Cosmos should have a sunny situation.



Cosmos—Early Flowering

**Early Flowering—Pink** ..... ¼ oz., 30c; pkt., 10c  
**Early Flowering—Crimson** ..... ¼ oz., 30c; pkt., 10c  
**Early Flowering—Pure White** ..... ¼ oz., 30c; pkt., 10c  
**Early Flowering Mixed**—pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 70c



Cosmos—Early Double Crested

This new type of Cosmos is unique and exceedingly pretty. The flowers are of good size, with full double centers and an outer row of broad ray petals. The plants are vigorous, attaining a height of 4 feet, and are covered with blooms. This is the best of all Cosmos for cut flowers, lasting well in water, and the dainty colors are most attractive for either garden or table decoration. Give Cosmos the full sunshine for successful growth.

**Double Crested—Pink Beauty** ..... ¼ oz., 50c; pkt., 15c  
**Double Crested—White Queen** ..... ¼ oz., 50c; pkt., 15c  
**Double Crested—Mixed** ..... ¼ oz., 45c; pkt., 15c



**CLARKIA**

Beautiful hardy annual with rose colored, white and purple flowers, in delicate but very brilliant shades, is a popular garden and cut-flower plant, very showy in borders, hanging baskets or vases. They thrive equally well in partial shade or sun. 2 to 2½ feet, and are profuse bloomers. The blooms are abundant, in small leafy racemes, and opens well in water when cut. A fine annual for cool climate. Sow in light, warm soil, as early in the spring as the ground can be worked, or if planted in August they will bloom the following summer. Double mixed, Pkt., 10c; ¼ oz., 35c; ½ oz., 55c; oz., 95c.

**COBEA SCANDENS—Cup and Saucer Vine**

A half hardy climbing annual, with large leaves and large trumpet shaped flowers, the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico. Pkt., 10c; ¼ oz., 50c.

**CONVOLVULUS MAJOR****Tall Morning Glory**

A hardy climbing annual growing about 10 feet high. Flowers are well known and exist in a great variety of colors, tints and markings. Fully expanded only in the mornings. Of easy culture, quick growth and valuable in every garden.

Rose .....pkt., 10c; ½ oz., 20c; oz., 35c  
 White .....pkt., 10c; ½ oz., 20c; oz., 35c  
 Striped .....pkt., 10c; ½ oz., 20c; oz., 35c  
 Crimson .....pkt., 10c; ½ oz., 20c; oz., 35c  
 Purple .....pkt., 10c; ½ oz., 20c; oz., 35c  
 Blue .....pkt., 10c; ½ oz., 20c; oz., 35c  
 1 pkt. each of the above six varieties .....50c  
 Tall Mixed—pkt., 5c; ½ oz., 15c; oz., 25c;  
 ¼ lb., 75c.



Morning Glory (Convolvulus Major Mixed)

**CONVOLVULUS MINOR—Dwarf Morning Glory**

A very early flowering annual with brilliant flowers. Of very easy culture. Finest Dwarf Mixed—pkt., 5c; ½ oz., 15c; oz., 25c.

**CONVOLVULUS—JAPANESE MORNING GLORY—**  
(See Ipomea) Page 63.**COLUMBINE****Aquilegia**

Of easy culture and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. Hardy perennial.

Chrysanth—(Golden Spurred)—Golden yellow, Pkt., 10c; ½ oz., 50c.

Coerulea—(Rocky Mountain Blue Columbine)—Violet blue and white. Pkt., 15c; ½ oz., 50c.

Double Mixed—Pkt., 10c; ¼ oz., 30c.

**LONG SPURRED COLUMBINE**

While all the varieties of Columbines are beautiful and much admired, this strain of long spurred is unquestionably the finest yet produced. The plants are of strong thrifty growth with flowers of largest size.

Pink Shades—A lovely strain with large flowers. Pkt., 20c; ½ oz., 75c.



Columbine

Long-Spurred Hybrids—Fine long-spurred flowers during June in shades and combinations of pink, red, blue, and yellow. Mixed. They make excellent cut-flowers. Pkt., 15c; ½ oz., 65c.



Coreopsis

**COREOPSIS LANCEOLATA**

A very hardy perennial, blooming the first year and producing on long stems a succession of rich bright yellow flowers two or three inches across. Very valuable for cutting. Seed may also be sown in fall outdoors. About two feet. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

**CYPRESS VINE****Ipomea Qnamoclit**

A hardy rapid climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely. Mixed, Pkt., 5c; ¼ oz., 25c.

**StimUplant**  
 Makes a  
 Wonder Garden



Cynoglossum

**CYNOGLOSSUM—Chinese Forget-Me-Not**

Lovely rich blue. It thrives in a dry sunny location where few other flowers will make a show and blooms continuously from June until September. The plants grow 20 inches tall. Sow the seed during May, covering it with ¼ inch of fine soil. Hardy Annual. Pkt., 15c; 1-16 oz., 45c; ½ oz., 75c.

**DAISY—Bellis—English Daisy**

English Daisy

A low growing early spring flowering plant. Very desirable for edging or borders. Daisies are indispensable for cool shady places and are easily raised from seed. A favorite hardy perennial. Double mixed. Pkt., 10c; ½ oz., 50c.

**Giant or Monstrous—**

A new strain of Double Daisy with flowers fully twice the size of the ordinary sorts. This strain will soon supersede entirely the older varieties. Colors white, rose. Pkt., 15c; ½ oz., 65c.

DAISY — Shasta — (See Chrysanthemum Page 58)

Fairfield, Mont.

Dear Sirs: We live on a dry farm and I cannot recommend your vegetable and flower seeds too highly. I bought with other seeds a packet of zinnia dahlia flowered mixture. They were fine, took first prize at the flower show at Choteau Montana.  
 Mrs. M. E. F.



**DAHLIA**

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate easily and from the very first are strong and sturdy little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over, plant them in the bed or border in the garden and from then on they will prove no more trouble than if the tubers had been used instead of seed. Seed may also be sown out of doors between the first and fifteenth of May.

**Double**—Choice mixed colors. Flowers of excellent form. Mixed. Pkt., 15c; 1-16 oz., 35c; ½ oz., 60c.

**Single**—Seed saved from the choicest varieties. Mixed. Pkt., 10c; 1-16 oz., 25c; ½ oz., 40c.



**StimUplant**  
Makes a  
Wonder Garden

**DELPHINIUM**  
Perennial Larkspur

These are some of the most handsome and useful hardy plants, and for the perennial border are invaluable. Excellent for cut flowers, producing large, long spikes of beautiful flowers of varying shades of blue. If seed is sown early in the spring some will blossom the first year but of course the second and succeeding years the flowers are far superior. Hardy perennial.

**Formosum**—Dark blue—This is the old favorite dark blue Larkspur, and one of the best. Hardy perennial. Four feet. Pkt., 20c; 1-16 oz., 50c; ½ oz., 85c.

**Belladonna**—Light blue—A very free and continuous bloomer, with flowers of a turquoise blue. Hardy perennial. Four feet. Pkt., 20c; 1-16 oz., 50c; ½ oz., 85c.

**Delphinium—Perennial Larkspur**

**Delphinium**—Finest Mixed—in a great variety of charming colors. Four feet. Pkt., 15c; 1-16 oz., 25c; ½ oz., 40c; ¼ oz., 65c.

FOR ANNUAL VARIETIES SEE LARKSPUR Page 63

**DIDISCUS**—(See Blue Lace Flower Page 57.)

**DOLICHOS—Hyacinth Bean**

**Daylight**—This is a white form of the well known Hyacinth bean, and of most rapid growth and very free blooming habit. It has been known to bloom in 8 weeks from the time of sowing. Height ten feet. Annual. Pkt., 10c; oz., 35c.

**Scarlet**—A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual. Pkt., 10c; oz., 35c.

**EVENING PRIMROSE**—(See Oenothera Page 65)

**EVENING SCENTED STOCK**—(See Matthiola Bicornis Page 64.)

**ECHINO CYSTIS LOBATA**—(See Wild Cucumber)

**EUTOCA—Viscida**

Intense blue. Foliage dull green, covered with hairs; blooms blue and striped ¾ of an inch across, produced in terminal racemes. Succeeds best in warm sandy soil, not over rich. Sow in open ground early in spring, and thin to one foot apart. Hardy annual, one foot high. Valuable for bees. Pkt., 5c.

**FEVERFEW**—(See Matricaria Page 64)

**FOUR O'CLOCK—Marvel of Peru**

These flowers are funnel-shaped. Red, White, Yellow or Striped with these colors and open about four o'clock in the afternoon, remain open all night and generally close about noon next day. The abundance of new flowers produced daily affording constant succession of fine blooms. Sow seed in open ground. Hardy annual; two feet high. Mixed. Pkt., 5c; oz., 25c.

**FORGET-ME-NOT**—(See Myosotis Page 64)

**FORGET-ME-NOT—Chinese**—See Cynoglossum

OUR "GARDEN FULL" DAHLIA COLLECTION — 20 VARIETIES — SEE PAGE 8.

**DIANTHUS OR PINKS**

One of the most popular flowers in cultivation, producing a wonderful variety of bloom in most brilliant colors, and are most profuse bloomers. The varieties classed as annuals are really biennials, and in mild climates will survive the winter



with light protection. In this northern climate, if early plants are desired the seed may be started in the house, but they do exceptionally well started outside between the first and fifteenth of May. In a very short time they will be a mass of blossom continuing until cut down by frost. The double types are almost as useful as Carnations for cut flowers, and all will succeed in almost any kind of good soil, if given a sunny location. Height, 12 inches.

**Dianthus or Pinks—Single**

**SINGLE ANNUAL VARIETIES**

**Crimson Bell**—Rich Velvety Crimson. Pkt., 10c; ¼ oz., 45c.

**Eastern Queen**—Beautifully marked with rose and mauve. Pkt., 10c; ¼ oz., 45c.

**Hedderwigii**—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Mixed colors. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

**DOUBLE ANNUAL VARIETIES**

**Hedderwigii Fl. Pl.**—(Double Japan Pink)—Very large and double flowers of brilliant colors. Mixed Pkt., 10c; ¼ oz., 40c; ½ oz., 70c.

**Chinensis Fl. Pl.**—(China or India Pink)—Blooms in clusters, with a brilliant assortment of colors. Pkt., 10c; ¼ oz., 30c.

**HARDY GARDEN PINK**

**Plumarius**—(Hardy Perennial Pink, Grass Pink, Scotch Pink, Clove Pink or Pheasants Eye)—A single hardy perennial pink with fringed edge, light colored flowers with a darker center variously colored. The old-fashioned garden favorite. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

**ESCHSCHOLTZIA****California Poppy**

California Poppy

A very attractive profuse blooming hardy annual, for beds, edging or masses. Blooms from early summer until frost. Should be grown in every garden. Height one foot.

White ..... Pkt., 10c; ¼ oz., 30c  
Rose Queen.....Pkt., 10c; ¼ oz., 30c  
Crimson King .....Pkt., 10c; ¼ oz., 30c

**AURANTIACA (True California Poppy)**—Rich Golden orange, flowers very large. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

**Fine Mixed**—Contains white, yellow, and orange shades. Pkt., 5c; ½ oz., 15c; oz., 25c.

**Peerless Mixed**—A well-balanced mixture of all the above and many other fine varieties of California Poppies. Grown as a border or as solid beds they will make a fine display all during the summer and fall, lasting until frost. Pkt., 10c; ¼ oz., 20c; ½ oz., 30c; oz., 50c.

**ESCHSCHLOTZIA—California Poppy Novelties**

**Tango**—Bronze-red overlaid terra-cotta, a popular shade with the ladies. Pkt., 15c; ¼ oz., 50c.

**Mauve Beauty**—A delicate new color previously unknown, a beautiful shade of pure mauve. Pkt., 15c; ¼ oz., 50c.

**Purple Glow**—A bright reddish purple, and is the darkest shade obtained so far. Pkt., 15c; ¼ oz., 45c.

**Lovely**—A lovely tone of bright rose pink suffused with salmon, the blooms have a satiny appearance, which adds very much to the effect LOVELY. Pkt., 15c; ¼ oz., 50c.

**Scarlet Beauty**—The brightest of all. A deep scarlet, it has the appearance when in bloom of a vivid scarlet Tulip. Pkt., 15c; ¼ oz., 45c.

**COLLECTION OF CALIFORNIA POPPIES**

One packet each; Tango, Mauve Beauty, Purple Glow, Lovely, Scarlet Beauty. Value 75c.  
POSTPAID FOR 60c

**BUSH ESCHSCHLOTZIA**—See Hunnemannia Page 62



## S. N. & S. CO'S. PEERLESS GLADIOLUS BULBS

There is no other Summer flowering bulb that is enjoying such great popularity as that of the Gladiolus. Their adaptability to garden decoration or for use as cut flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden but when cut with the first flower open, will last for 10 days in the house. They thrive in almost any good garden soil but better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and 6 inches apart. In the fall before frost, the bulbs should be lifted and the stems cut off. Place the bulbs in a cellar or some place away from the frost until planting time in the spring. **Notice—We offer first size bulbs only.**



Gladiolus—Golden Measure

**America**—One of the best Gladiolus in existence. The color is a beautiful flesh pink, tinged with lavender. The flowers are of the largest size, the petals are round, thick and strong, and will last a long time after being cut. A very free bloomer. 8c each; doz., 75c; per 100, \$5.00.

**Halley**—A very large well expanded flower of a lovely salmon pink, blotched yellow, with carmine markings. 8c each; doz., 75c; 100, \$5.00.

**Louise**—The lavender queen among gladiolus. Beautiful shade of lavender growing lighter towards the center. Extra fine. Each, 15c; doz., \$1.25; 100, \$8.00.

**Le Marcehal Foch**—One of the most wonderful novelties; flowers of immense size and well opened; color, rose pink, flaked and striped deeped at edges of petals. It is a most unusual and striking flower and is universally admired. 10c each; doz., 90c; 100, \$6.00.

**Mrs. Francis King**—A most beautiful flame pink. Immense flowers on a spike growing 4 feet high, with from 18 to 20 flowers, 6 to 8 being opened at one time; a popular variety on account of its attractive color. One of the most exquisitely colored and formed Gladiolus in our list. 8c each; doz., 75c; per 100, \$5.00.

**Peace**—A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows enormous flowers, well placed all along the stem. 10c each; doz., 90c; 100, \$6.50.

**Anna Eberius**—An extra fine variety; color rich velvety purple with a deep purplish red blotch on the lower petals; flowers large, on long spikes, 10c each; doz., \$1.00; 100, \$6.50.

**Byron L. Smith**—Delicate lavender deepest at the edges of the petals and shading towards white in the center; gives the impression of an orchid—a real gem. 15c each; doz., \$1.25; per 100, \$8.50.

**Crimson Glow**—One of the best scarlet varieties, throat overlaid with a velvety scarlet blotch. Large wide open flowers with enough open at a time to make it attractive; good form and keeps well as a cut flower. 10c each; doz., \$1.00; 100, \$7.00.

**E. J. Shaylor**—A tall strong growing variety with large flowers; color, a beautiful shade of pure deep rose-pink with well ruffled edges; one of the best of its color. 8c each; doz., 75c; 100, \$5.00.

**Fair Columbian**—Mallow purple, shading lighter in throat; a magnificent flower produced on tall, stately spikes, many blooms opening at one time. Excellent for forcing, flowering very early. 10c each; doz., \$1.00; 100, \$7.00.

**Golden Measure**—Tall spike with many large, pure golden yellow flowers; several of the flowers are in bloom at one time; a winner at exhibitions; 15c each; doz., \$1.25; 100, \$8.00.

**Los Angeles**—Shrimp pink with orange-carmine throat. Each, 15c; doz., \$1.35; 100, \$10.00.

**Mary Pickford**—Delicate creamy white; throat finest sulphur yellow; very distinct and beautiful. 12c each; doz., \$1.25; 100, \$9.00.

**Orange Queen**—Apricot-orange. This quite new shade without any competition and the excellent substance of this variety bought by every one who has seen it. Each, 12c; doz., \$1.25; 100, \$9.00.

**Scarlano**—Scarlet blotched ox-blood red in throat; beautifully ruffled; a fine acquisition. 15c each; doz., \$1.25; 100 \$9.00.

### S. N. & S. Co's. COLLECTION

1 each of above 10 varieties, 10 bulbs .....	\$1.10
3 each of above 10 varieties, 30 bulbs .....	\$3.00

**Prince of Wales**—Beautiful salmon pink; flowers large and well placed; an early flowering sort. 10c each; doz., \$1.00; per 100, \$7.00.

**Pink Perfection**—Rose pink, with 8 to 10 flowers open at one time. The large flowers are well expanded and of perfect form. 15c each; doz., \$1.50; per 100, \$10.50.

**Rose Ash**—The blooms are a soft light rose suffused with an elusive combination of gray, blue and yellow, combining into an iridescent gray; gracefully placed on strong stems. 15c each; doz., \$1.40; 100 for \$10.50.

**Virginia**—An exquisite flaming scarlet, large massive flowers, many open at a time, making a gorgeous display of dazzling red. Won first prize at the American Gladiolus Society's show. 10c each; per doz., \$1.25; per 100, \$8.50.

### Collection of Gladiolus, one each of the Twenty Varieties Listed, \$2.00 Postpaid

### S. N. & S. Co's. PEERLESS GLADIOLUS MIXTURE

A mixture of the best Giant Flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. One of the most satisfactory mixtures of Gladioli obtainable and one that is sure to give satisfaction. Doz., 60c; 50, \$2.40; 100, \$4.50.

**Mrs. Leon Douglas**—Ground color Begonia-rose striped with flame and brilliant scarlet. Lip is pale lemon slightly speckled with ruby. The size of the flowers, we believe, is the largest in existence. Each 15c; doz., \$1.50; 100, \$10.00.

ALL GLADIOLUS BULBS ARE POSTPAID

TRY A PLANT OF THE NEW BIDE'S N. C. O. TOMATOE—SEE PAGE 50



**FOXGLOVE—Digitalis**

Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers, which are terminal and half as long as height of plant. Colors: White, Lavender and Rose. A valuable flower in every perennial garden, does not usually blossom until the second year. Hardy biennials or perennials. **Mixed**—Pkt., 10c; 1-16 oz., 25c; ½ oz., 45c.

**Gloxiniiflora**—This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxina. Hardy perennial. Pkt., 15c; 1-16 oz., 35c; ½ oz., 60c.

**GIANT SHIRLEY FOXGLOVE**

This magnificent strain was raised by the late Rev. W. Wilks, to whom we are also indebted for the Shirley Poppies, and is unquestionably the greatest improvement ever made in Foxgloves. The very vigorous plants attain a height of 5 to 7 feet, with spikes of bloom 4 feet in length, closely set with flowers of unusual size, ranging in color from the purest white to dark rose, handsomely spotted and blotched with crimson, maroon, and chocolate. This is certain to supersede all other strains of Foxgloves. Seed sown this spring will produce plants that will make a glorious show next season. Hardy perennial. **Mixed**. Pkt., 15c; 1-16 oz., 45c; ½ oz., 75c.



Foxglove

**StimUplant**  
Makes a  
Wonder Garden

**GLADIOLI BULBS—See Page 61****GOURD****Both Useful and Ornamental**

A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

**Hercules Club**—Distinctly club-shaped, the longest of all varieties. Pkt., 10c; ½ oz., 25c; oz., 40c.

**Japanese Nest Egg**—Used as nest eggs; fruits are white, do not crack, and are not injured by heat or cold. Pkt., 10c; ½ oz., 25c; oz., 40c.

**Sugar Trough**—Has durable thick shell, and is often used for dishes and other household utensils. Pkt. 10c; ½ oz., 25c; oz., 40c.

**Dipper or Siphon**—Greatly used for dippers, fruits long and bottle shaped, with straight or slightly crooked neck. Pkt. 10c; ½ oz., 25c; oz., 40c.

**Gourds—Mixed**—Pkt., 5c; ½ oz., 25c; oz., 40c.

**GAILLARDIA—Blanket Flower**

Gaillardia—or (Blanket Flower)

**Single Mixed**—Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early summer till November; excellent for cutting. 1¼ feet high. Annual. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

**Grandiflora Superb Mixed**—Beautiful flowers with yellow tips and crimson centers. A splendid combination. 2 feet high. Hardy perennial. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

**Double Mixed**—One of the prettiest and best early-flowering annuals. These are variously and gayly colored in shades of yellow, orange, brown, bronze, and deep maroon. The deeper colors are usually tipped with contrasting shades of yellow and creamy white. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

**GREVILLEA****Silk Oak**

**Grevillea Robusta**—A beautiful plant for decorative purposes of quick growth and very easy culture. The leaves are very light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of Silk Oak. For the house it is unsurpassed. Pkt., 10c; ½ oz., 35c; ¼ oz., 60c. ½ oz., \$1.00.

**GERANIUM**

**Zonale Mixed**—A superb strain of the largest and finest varieties. Very interesting to grow from seed which should be started indoors and transferred to the open when safe from frost. Pkt., 15c; 1-16 oz., 40c; ½ oz., 65c.

**GODETIA**

A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers, in deep red, pink and white, shaded and blended. Valuable for bedding or massing. **Mixed** Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.



Godetia

**GYPSOPHILA—Baby's Breath or Bridal Veil**

Gypsophila

**Elegans Rosea**—Similar to the white, but the flowers are a fine rose. A profuse bloomer that mixes well with other annuals. Pkt., 10c; ½ oz., 20c; oz., 35c.

**Paniculata**—Perennial. A graceful, hardy plant, fine for cutting for bouquets; flowers in feathery white panicles, height, one and one-half feet. Pkt., 10c; ¼ oz., 30c.

**HELIOTROPE**

Every one loves the delightful fragrance and beauty of the Heliotrope, but few know that it can easily be raised from seed. To insure a long period of bloom, the seed should be sown indoors and the plants set out in rich, well-prepared soil when the maples are in full leaf. A splendid bedding or house plant. **Mixed**. Pkt., 10c; ½ oz., 50c; ¼ oz., 85c.

**HUNNEMANNIA—Bush Eschscholtzia**

Also known as the **Santa Barbara Poppy**. An erect growing tender perennial, about 2 feet high. Foliage finely cut and about 3 to 4 inches across. Stems long and smooth. A very satisfactory flower in the garden. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

**HUMULUS—Japanese Hop**

Variegated Japanese Hop. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stands drouth well. Twelve feet. Pkt., 10c; ¼ oz., 30c; oz., 50c.

**HYACINTH BEAN—(See Dolichos Page 60)****PLEASE REMEMBER**

About September 1st we issue a Bulb and Hardy Plant catalog, describing the fall bulbs such as Hyacinths, Tulips, Crocus, Snowdrops, etc. We also have at that time a complete list of hardy plants for fall planting. Our bulbs come from our own special grower in Holland while our hardy plants are of our own growing. We will be pleased to have the names of any of your friends who might be interested in this booklet. **Ask for Bulb Catalog.**



**HOLLYHOCK****Chater's Double Varieties**

Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming perennials. Four to six feet.

<b>Blood Red</b> .....	Pkt., 10c
<b>White</b> .....	Pkt., 10c
<b>Pink</b> .....	Pkt., 10c
<b>Yellow</b> .....	Pkt., 10c
<b>Rose</b> .....	Pkt., 10c
<b>Maroon</b> .....	Pkt., 10c
<b>Crimson</b> .....	Pkt., 10c

Any of the above varieties:  
 $\frac{1}{8}$  oz., 35c;  $\frac{1}{4}$  oz., 50c.

**Chater's Double Mixed—**  
 Pkt., 10c;  $\frac{1}{8}$  oz., 30c;  $\frac{1}{4}$  oz., 50c.



Hollyhock

**COLLECTION OF DOUBLE HOLLYHOCK**

One packet each, Pink, White, Blood Red, Rose, Maroon, Crimson, and Yellow. Value 70c.

**POSTPAID FOR 50c**

**SINGLE ANNUAL VARIETIES**

**HOLLYHOCK—Annual—Single Mixed—**Pkt., 10c;  $\frac{1}{8}$  oz., 30c.

**For Hollyhock Plants—See Hardy Perennials Page 33**

**ICE PLANT**

Pretty summer trailing annual for vases and rock work, leaves covered with ice-like drops. Very useful for garnishing. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**IPOMEA**

**Bona Nox—(Evening Glory or Good Night)—**Large fragrant violet blossoms expanding in the evening. Pkt., 10c; oz., 30c.

**Mikado—(Japanese Morning Glory)—**New Improved Japanese Convolvulus of grand variety, flowers measuring from 4 to 5 inches across, great variety of colors, very handsome foliage. Pkt., 10c; oz., 30c.

**IPOMEA QUAMOCLIT—(See Cyprus Vine Page 60)**

**IPOMEA NOCTIFLORA—(See Moonvine Page 64)**

**KENILWORTH IVY—Linaria—Creeping Charlie**

A charming trailing plant, especially adapted for hanging baskets. Flowers lavender and purple, very pretty. Tender perennial. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**KOCHIA—Burning Bush or Summer Cypress**

Hedge of Kochia, Burning Bush or Summer Cypress

Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the fall the end of the shoots are thickly set with small bright scarlet flowers; the bushy plants resembling balls of fire; makes a very good summer hedge also known as summer cypress. Hardy annual. Three feet. Pkt., 5c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

Blackduck, Minn.

Gentlemen: Please send me your catalog. I bought seed of you people in 1919 and I must say it was the best I ever purchased, every one grew.

Truly yours,  
 Mrs. H. B.

**KUDZU VINE—Pueraria Thunbergiana**

To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth. Its foliage is large and covers well; bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid climber for covering permanently verandas, dead trees, etc. Hardy perennial. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**LARKSPUR—Hardy Annual**

This hardy annual is one of the best of garden plants. Sown indoors early in the season, and transplanted to the open ground as soon as safe from frost, or sown in the open ground about May 15, will produce blooming plants in July and August, which will continue in flower until frost. A splendid cut flower.

**Empress Rose—New—**A rich rhodonite pink changing to hermosa pink with no trace of mauve. This magnificent new strain is a double everblooming, super-branching Larkspur, and grows over six feet tall. The mammoth florets are well placed on the stem, not overcrowding, and coming practically 100 per cent true. As a cut flower **EMPERESS ROSE** is unsurpassed for color, keeping qualities, and for its tall branching habit. Pkt., 15c;  $\frac{1}{4}$  oz., 50c; oz., \$1.50.

**Tall Double Stock Flowered Larkspur —** Pure White, Shell Pink, Dark Blue, Carmine Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Larkspur — Finest Mixed,**  
 Pkt., 5c;  $\frac{1}{4}$  oz., 25c;  
 oz., 75c.

**Emperor Mixed —** The flowers are quite double and of the most beautiful shades. Pkt., 10c;  $\frac{1}{4}$  oz., 30c; oz., \$1.00.

**Larkspur Collection**

One packet, each, white, pink, carmine, blue

**Postpaid for 35c**

**For Perennial Varieties of Larkspur—(See Delphinium Page 60)**

**LAVATERA****Annual Mallow**

The annual Mallow or Lavatera is a charming plant for cool locations, growing 2½ feet high, and covered all summer from July until fall with large bright colored saucer shaped flowers. Sow the seed outdoors after the weather has become settled, covering them with fine soil.

**Splendens Alba—**Very large, silky pure white flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c.

**Splendens Rosea—**Very large, bright rose pink flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 30c;  $\frac{1}{2}$  oz., 50c.



Lavatera

**LAVENDULA VERA—Sweet Scented Lavender**

A well known sweet scented shrub, of dwarf bushy habit. Extremely desirable for its delicious perfume. Hardy perennial. Should be grown in every mixed border. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**LINUM—Scarlet Flax**

Distinguished for their brilliant colored flowers which are crimson with black center, saucer-shaped, and very conspicuous in bed or border. The foliage of the plant is slender and delicate. Height 1½ feet. Hardy annuals. Pkt. 5c;  $\frac{1}{4}$  oz., 25c.

**Perene—**A fine deep blue variety, growing about 18 inches.

Hardy perennial. Pkt., 10c;  $\frac{1}{4}$  oz., 20c;  $\frac{1}{2}$  oz., 35c.

**Album—**A handsome white variety of the hardy flax. Perennial.

Pkt., 10c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c.

**FLOWERS FOR CHILDREN'S GARDENS**

If you have never allowed the children to be responsible for a small flower garden, do so this season. Have them keep a record of when seed was planted, when germinated, when flowers bloomed, etc. It will not only be educational for them, but with flowers from their own garden they may cheer the sick or aged and gladden the hearts of their friends. See Page 76.

**HARDY ASTERS—(See page 28)**

**HELICHRYSUM—(See Straw Flower page 69)**

**HESPERIS—(See "Sweet Rocket" page 70)**

**DON'T OVERLOOK OUR SWEET PEA NOVELTIES**



**LUPINS OR LUPINUS**

A very attractive plant with beautiful foliage and long spikes of blossoms, resembling those of the sweet pea. The plant attains a height of 3 ft. and forms a pleasing background for other flowers. Of the easiest culture. Sow in the open ground and thin to six inches apart. Desirable for cut flowers.

Mixture of all colors, Pkt., 5c; ½ oz., 25c; oz., 40c.

**StimUplant**

Makes a  
Wonder Garden

State Nursery

Choteau, Mont.

Dear Sirs:

The Rose bush you sent me was a beauty. I had fifteen buds and roses all at the same time and I have just picked the last of them. My Bachelor Buttons raised from your seed are simply gorgeous, such beautiful rainbow shades and so double the prettiest I have ever seen. I am also sure your Spencer Sweet Peas cannot be beaten.

Mrs. E. M. P.

**LOVE-IN-A-GROVE**—See *Nemophila*  
page 65)

**LOVE-IN-A-MIST**—(See *Nigella*  
page 65)



Lupinus

**LOBELIA**

Lobelia

**Crystal Palace**—Small compact bushes covered with deep azure blue flowers. Makes a very attractive border and blossoms early in the season until frost. Pkt., 10c; ½ oz., 50c.

**White Gem**—Dense balls covered with snow-white flowers. Pkt., 10c; ½ oz., 40c.

**LYCHNIS**

**Chaleedonia**—Also called Burning Star, Jerusalem Cross, Maltese Cross, Ragged Robin. Bright scarlet flowers, handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennial. 2 to 3 feet. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.



*Lychuis Chaleedonia* (Ragged Robin  
Jerusalem Cross)

**MIGNONETTE**

A well known hardy annual producing dense spikes of exceedingly fragrant flowers. Should be planted in light sandy soil, since the fragrance of flowers grown in heavy soil is not nearly as intense. Thrives best in a cool temperature. Sweet Scented—Pkt., 5c; ¼ oz., 20c; ½ oz., 35c.

**Golden Queen**—Fragrant golden yellow flowers. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

**Pure White**—Large white sweet scented. Pkt., 10c; ¼ oz., 25c.

**Victoria**—Giant red. Shows a brilliance of color which is truly surprising in this class of plants. Pkt., 10c; ¼ oz., 25c.

THE AFRICAN MARIGOLD SHOULD FIND ITS WAY INTO EVERY GARDEN

**MARIGOLD—African****TALL—DOUBLE**

Old-time favorites of most easy culture and growth. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun to get best results. Three feet.

**Eldorado**—Flowers very large, imbricated and very double, colors in all shades of yellow. Pkt., 10c; ¼ oz., 35c.

**Lemon Queen**—Large flowered variety with lemon yellow flowers. Pkt., 10c; ¼ oz., 35c.

**Orange Prince**—A very large and showy variety, with very double flowers of a rich deep golden-orange color. Pkt., 10c; ¼ oz., 40c.

**Tall African Double Mixed**. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c; oz., 70c.

**MARIGOLD COLLECTION**

One packet each, Eldorado, Lemon Queen, Orange Prince, Value 30c.

POSTPAID FOR 25c



Marigold—Tall African Double

**Dwarf French Marigold**—The dwarf French Marigolds rarely exceed one foot in height, and their most beautifully marked flowers of all shades of yellow and brown, are exceedingly attractive. Mixed. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.



Evening Scented Stock

**MATTHIOLA BICORNIS—Evening Scented Stock**

No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly closed during the day, expand and impart their fragrance in the evening. Include with your order a packet or two of Evening Stock. You will not regret it. 12 to 15 inches. Pkt., 10c; ¼ oz., 25c.

**MATRICARIA—Feverfew**

A favorite bedding plant and profuse bloomer. Half-hardy perennial. Treat as an annual. Double white. Pkt., 10c; ¼ oz., 35c.

**MEXICAN BURNING BUSH**—(See *Kochia* Page 63)

**MOON FLOWER—Ipomea Noctiflora**

So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place. Pkt., 5c; ½ oz., 30c; oz., 50c.





PYRAMIDAL ARBORVITAE

## Evergreens

For  
All Year Around  
Beauty

### ARBORVITAE

*Arborvitae—(pyramidalis)*  
*Thuja occidentalis pyramidalis* — It is the most popular form of Arborvitae today. The tree fills a real need in landscaping with its tall columnar growth reaching as high as 20 feet. Color is green in summer and winter and it requires the full sun.



AUSTRIAN PINE

### RED CEDAR

*Juniperus virginiana*—Often called America's best advertised evergreen as Nature planted it over almost all the Northwest continent. It is narrow, compact, pyramidal type. As winter comes on, the tips of the new foliage present a pinkish appearance. The early spring color is very bright green, gradually darkening during the summer. It bears bright blue and silvery berries which are quite an attraction to birds.



MUGHO PINE

### AUSTRIAN PINE

*Pinus nigra*—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long and of such a deep rich green color that it is known in some parts of the world as the "black pine." No tree shows such a resistance to the trying conditions of city planting. Coal gas and smoky atmosphere have no effect on its growth. A very strong hardy evergreen making a fast annual growth.

### PINES

*Mugho Pine* — A very short stout and bushy evergreen, very popular for low border plantings and foundation work. It never grows over 4 or 5 feet tall but spreads out 6 to 8 feet in diameter. By annual shearing it may be kept as small as desired. The Mugho is shade tolerant and the color is a deep green in summer and winter and it is very hardy.

### JUNIPER

*Colorado* — This is the seedling form which produces a variation in habit and color. The color ranges from green to light blue, and is more pronounced during hot, dry weather. It is narrow, compact and symmetrical having one single stem in contrast to some Junipers with several stems. Very popular for foundation planting, groups and borders.



RED CEDAR



COLORADO JUNIPER



**COLORADO BLUE SPRUCE — PICEA PUNGENS**

There are other trees of almost every imaginable color and form, but here is truly the culmination of Nature's highest effort to produce the beautiful. It is a perfectly shaped tree with an abundance of heavy foliage of rich, glistening blue, which flashes and sparkles in the sunlight. The glory of the Blue Spruce is in its foliage which is an intense steel blue and has created a sensation the world over. It is very valuable for single tree plantings or for groups and is ideal for porch use when grown in tubs. It is considered the handsomest tree on the Rocky Mountain Trail.



COLORADO BLUE SPRUCE

**BLACK HILLS SPRUCE**

The hardiest of all Spruce being symmetrical, compact and bushy in habit of growth; the very smallest trees soon form round, sturdy, compact bodies as the tree grows and develops. It continues to carry this particular style of growth; even in old trees the lower branches are retained, thus forming a close ground cover. The foliage varies from green to bluish tint and all trees are remarkable for their bright fresh color.



BLACK HILLS SPRUCE

**JUNIPER**

**Pfitzer**—Almost unknown a few years ago this remarkable tree today is in the front rank of ornamental evergreen trees. The shape and size may be readily controlled by shearing, and it is shade tolerant, being used extensively on the north sides of buildings. It is a low growing and very bushy type of evergreen.



PFITZER'S JUNIPER

*A Beautiful Grouping of Evergreens showing many different types in an effective display*





**MUSK PLANT—Mimulus Moschatus**

Foliage emits a strong musky perfume; pretty yellow flowers, fine for hanging baskets. Pkt., 15c; 1-16 oz., 60c.

**MYOSOTIS—Forget-Me-Not**

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennial; blooming the first year from seed if sown early. The true Forget-Me-Not; beautiful blue flowers. Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c.

**MORNING GLORY**—(See Convolvulus Page 59)

**MORNING GLORY**—Mikado or Japanese—See Ipomea Page 63

**MOURNING BRIDE**—(See Scabiosa Page 68)

**NASTURTIUMS**

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is endless profusion of their gorgeous blossoms. The seeds picked green and pickled in vinegar have a piquant, appetizing flavor that is a valuable addition to relishes or pickles. Do not water too much nor sow on rich ground if abundance of bloom is desired.

**TOM THUMB—DWARF OR BEDDING VARIETIES**

**Empress of India**—Rich salmon-scarlet with deep green leaves.

**Golden King**—Rich glowing orange yellow, dark foliage.

**Queen of Tom Thumbs**—Flowers rich purplish crimson.

**Spotted King or Lady Bird**—Yellow, spotted.

**Vesuvius or Salmon Queen**—Salmon-rose, with dark foliage.

**Any of the Above Varieties**—Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

**Dwarf Prize Mixture**—Pkt., 5c; 1 oz., 15c; 1/4 lb., 50c; 1 lb., \$1.75.



Tall or Climbing Nasturtiums

**TALL OR CLIMBING VARIETIES**

**Tall Crimson**—Large crimson flowers, dark foliage.

**King Theodore**—Deep maroon with dark foliage.

**Dunnett's Orange**—Deep orange, marked with crimson blotches.

**Jupiter**—Vivid golden yellow.

**Pearl or Moonlight**—Amber or straw yellow flowers, very large.

**Any of the Above Varieties**—Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.

**Tall Prize Mixed**—Pkt., 5c; 1 oz., 15c; 1/4 lb., 50c; 1 lb., \$1.75.

**NEMOPHILA—Baby's Eyes or Love-in-a-Grove**

Of dwarf spreading habit. It is well adapted for border or pot culture. The flowers are exquisitely colored; they are quite apt to sport into an endless variety of shades, from black and blue to the lighter shades. Sow in spring and thin to 1 foot apart. Hardy annual. Mixed. Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 35c.

**NICOTIANA**

**Sanderac — Hybrid**

**Mixed**—Handsome garden plants of the tobacco family, valuable for the long duration of their bloom. Flowers white, carmine, rose and violet; is in full bloom during the day. Very floriferous. Hardy annual. 3 feet. Pkt., 10c; 1/4 oz., 30c

**StimUplant**

Makes a  
Wonder Garden

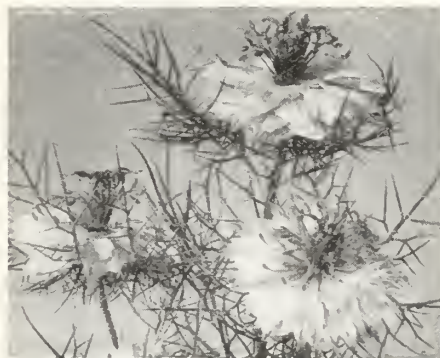
**Nicotiana (Flowering Tobacco Plant)**

**Affinis**—Sweet Scented Tobacco Plant—Delightfully sweet-scented, pure white, tubular flowers, blooming continually; hardy annual, two to three feet. Pkt., 1/4 oz., 25c; 1/2 oz., 40c.

**NIGELLA DAMASCENA**

**Love-in-a-Mist or Devil-in-a-Bush**

This is one of our prettiest old-fashioned annuals. It is odd in every respect and adds beauty and interest to any garden. It will grow well even under adverse weather conditions and withstands considerable heat and drought. The flowers come in blue and in white, and the thin moss-like foliage runs close up to the blooms, giving an appearance of a wreath of mossy fibers. The foliage is thin but very graceful. Nigella is wonderfully well adapted for mass planting or for making borders, and it is just as good a cut-flower. Sow in May in light soil and thin to stand 10 inches apart. The plants grow 12 to 15 inches high. Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c.



Nigella

**OENOTHERA**

**Evening Primrose**

This widely known free-flowering annual produces brightly colored single flowers which open on approach of twilight. Watch the Evening Primrose. (Oenothera) drop their calyx and unfold their petals and a wealth of large golden blooms greets us. A combination of red stems with red buds and yellow flowers make it a beautiful and striking plant in any collection of hardy annuals. Blooms from July until frost. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.

**StimUplant**

Makes a  
Wonder Garden



Oenothera—Evening Primrose

Lemhi, Ida.

Dear Sirs:

The Carnations and Gladiolus I ordered from you for Decoration Day came in splendid condition. I never saw cut flowers keep better than they did and many people admired their beauty. Thank you most kindly for having sent them according to my instructions, and entire satisfaction.

Very truly yours,

Mrs. D. J. P.

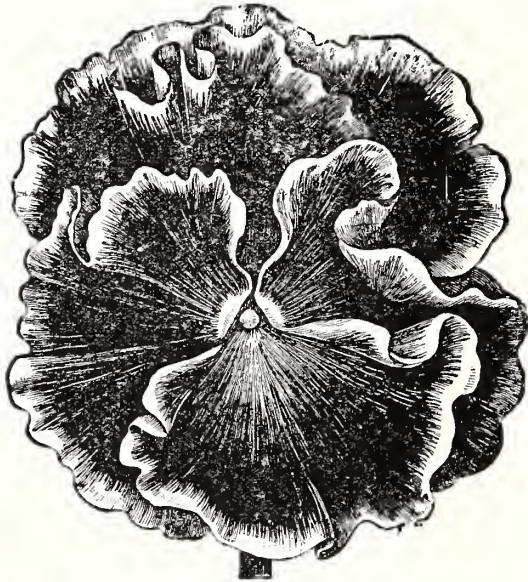
**NASTURTIUMS ARE BEAUTIFUL TRAILING UP A WALL OR FENCE**



**S. N. & S. CO'S. GIANT FLOWERING PANSIES**

(The Largest and most Beautiful Shades)

These popular flowers thrive best on a cool but moist well drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method is to sow in July or August and protect the plants during the winter when they will flower continuously the next spring and summer. Our Pansies are renowned as the most beautiful pansies in the world for size and color. In germinating Pansy seed allow plenty of ventilation. Keep your beds moist—quite moist—but not soaking wet until plants come up. Never allow your beds to become dry. Any dryness after seeds sprout is absolutely fatal.



Pansy—Giant Flowering

**Adonis**—Beautiful light blue. Pkt., 10c.

**Fire King**—The lower petals have a broad band of bright golden yellow shaded with orange. Each of the petals has a large blotch of deep mahogany-red, shaded with purplish black in the center. The two upper petals are copper-brown with a narrow edge of bright golden yellow. Fire King is a showy and free-flowering variety. Packet, 10c.

**Golden Queen**—Large. Best of the pure yellows. Packet, 10c.

**King of the Blacks**—Almost jet black. Extra fine large flowering. Packet, 10c.

**Lord Beaconsfield**—Top pale lavender, shading to purple violet on lower petals. Very large and exquisitely marked and distinctive. Packet, 10c.

**Madam Perret**—Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin. Packet, 10c.

**Prince Henry**—An extra fine variety. The largest dark purple. A flower of unusual beauty. Packet, 10c.

**Prince Bismarck**—Beautiful shades of golden bronze. The largest and finest of the bronze Pansies. Packet, 10c.

**Snowflake**—Extra fine pure white. Packet, 10c.

Any of the above-named varieties, 1-16 oz., 45c; ¼ oz., 75c

**Masterpiece**—Giant Ruffled—The mammoth size, richness and beauty of colorings and frilled or ruffled character of the petals make "Masterpiece" one of the most distinctive and interesting Pansies. Pkt., 15c; 1-16 oz., 35c; ¼ oz., 55c.

**Cardinal**—This magnificent variety belongs to the Cassier race, having flowers that have a well-defined dark blotch on the three lower petals. Bright cardinal red, shaded with a rich tone of bright mahogany-red toward the center. Pkt., 15c; 1-16 oz., 45c; ¼ oz., 75c.

**Mlle Irene (New)**—A shade never before known to pansies, a henna or tango red, a grand flower with long strong stems. Must be seen to be appreciated. Pkt., 20c; 1-16 oz., 50c; ¼ oz., 85c.

**Pansy—Fine Mixed** Pkt., 10c; 1-16 oz., 25c; ¼ oz., 40c; ½ oz., 65c

**S. N. & S. Co's. Giant Flowering Peerless Mixed**.....Pkt., 15c; 1-16 oz., 35c; ¼ oz., 55c; ½ oz., 95c

**S. N. & S. Co's. Giant Flowering Premium Mixed**.....Pkt., 20c; 1-16 oz., 50c; ¼ oz., 85c; ½ oz., \$1.50

**PANSY COLLECTION**

This collection contains the following six varieties of Giant-Flowered Pansies: Golden Queen, Adonis, Madam Perret, Snowflake, Prince Henry, Prince Bismarck. One packet each of these six fine large-flowering Pansies (value 60c) will be mailed

POSTPAID FOR 50c

**PETUNIAS****S. N. & S. Co's.****Double Mixed**

—This is a mixture of the best large flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully pollinized and will produce grand flowers. Only a certain percentage of double flowers may be expected from seed, varying from 25 to 40 per cent of doubles, while the remainder will be choice large single flowers. The weaker seedlings should be carefully saved, as these very often produce the finest double flowers. Seed very costly. Pkt., 35c.



Petunia—S. N. &amp; S. Co's. Double Mixed

**SINGLE VARIETIES**

Petunia—(Fluffy Ruffles)

**Fluffy Ruffles**—These Petunias are very large flowered, but the great beauty of the flower is what first commands your attention. The petals are waved and frilled and curled and twisted, giving an extremely dainty and pretty flower. Pkt., 35c.

**Elk's Purple**—A most outstanding variety, with immense flowers of rich deep Elk's purple. The texture of the petals is substantial and of velvety appearance. The blooms are enormously large and heavy. They are most attractively waved, forming, with their large lobes a fine five-fingered star. The velvety black veins add much to the beauty of the magnificent flowers. Pkt., 25c.

**Rosy Morn**—A bright rosy pink, with silvery white throat, very charming, compact, and free flowering. Makes a very dainty and effective border. Pkt., 10c; 1-16 oz., 40c; ¼ oz., 65c.

**BALCONY PETUNIAS**

For window or porch boxes, dry banks, terraces, or among rockwork, the Balcony Petunias may be depended upon to supply an unsurpassed floral effect throughout the summer until frost. The flowers measure nearly 3 inches in diameter.

**Balcony Blue**—The flowers open up as a purplish blue, turning to a violet-blue when fully expanded. Pkt., 15c; 1-16 oz., 65c; ¼ oz., \$1.10.

**Balcony White**—A magnificent pure white. Very large. Pkt., 15c; 1-16 oz., 65c; ¼ oz., \$1.10.

**Balcony Rose**—Lovely bright rose flowers with a contrasting white throat. Pkt., 15c; 1-16 oz., 65c; ¼ oz., \$1.10.

**Balcony Petunias, Mixed**—This mixture contains the three fine varieties described above. Blooms freely and gives a splendid display. Pkt., 15c; 1-16 oz., 65c; ¼ oz., \$1.10; ½ oz., \$1.90.

**PORTULACA—Moss Rose or Sun Plant**

A low growing or creeping tender annual, six to eight inches high. One of our best annuals, of easy culture, thriving best in rather rich light loam or sandy soil, and luxuriating in an exposed sunny situation. The glossy cup shaped flowers are produced in great profusion throughout the summer, and are of the richest colors. Very fine for massing in beds, edgings or rockwork, and is frequently used to sow broadcast over sunny banks. The seed germinates slowly, and should be sown early as soon as the soil is warm. They love the sunshine and do best on rather dry ground.

**Single Mixed** .....Pkt., 5c; ¼ oz., 40c; ½ oz., 75c

**Double Mixed** .....Pkt., 10c; ¼ oz., 50c; ½ oz., 85c

**PHYSALIS FRANCHETTI** — (See Chinese Lantern Plant Page 58)



# S. N. & S. CO'S. SWEET PEA NOVELTIES

## Four New Duplex Sweet Peas

There is a charm and grace about these flowers which attracts and holds the attention. Duplex Sweet Peas have two, three and sometimes four standards and sometimes even the wings are duplexed.

The first impression is the great size and then on closer inspection the lightness and frilliness appeals greatly. The vines are not heavy in growth, just medium which is surprising considering the size of the blossoms and the profusion of blooms.

There is no doubt as to the appealing value of these Duplex Sweet Peas to all flower lovers.

When bunched, three or four blooms of a Duplex Sweet Pea look like a dozen or so of regular Sweet Peas.

**NOTICE—The Demand for These Four Novelties Last Year Exceeded the Supply. Order Early**

### MISS DELIGHT

Magnificent double Sweet Pea having beautifully waved petals. There is a duplexing of both standard and wings, giving the appearance of a true double form. The color is best described as a warm light salmon pink on cream ground with a decided amber suffusion, which gives life to the blossom. The flower itself is huge and with the four beautifully doubled blossoms on a strong stem it is a grand and unique novelty. Pkt., 20c; ½ oz., 50c; oz., 90c.



Kitty Pierce

### KITTY PIERCE

is quite a new shade in Sweet Peas, being a soft light lilac, suffused with blush pink.

The blossoms are very large and come well placed on large, stout stems, and the petals are beautifully frilled and wavy. It is a charming Sweet Pea, either as a single spray or bunched, and is destined to become a fine exhibitor's variety.

It will be a welcome addition to the list of strong growing garden varieties. Pkt., 20c; ½ oz., 50c; oz., 90c.

### RIPPLES

A charming rose pink variety of gay and pleasing shading. The flushed rose on deep cream ground appears intensified in the center of the standard and edges of the wings. The standard has a margin of lighter pink which lightens and brightens the flower. The varied coloration of the flower is most unique and withal most pleasing. The flowers are large, well waved, with a tendency to duplex. The stems are long and bear the four flower sprays artistically. It is a strong grower and will be welcome for garden decoration. Pkt., 20c; ½ oz., 50c; oz., 90c.



Winnie Morse

### WINNIE MORSE

is the largest and one of the most beautiful Sweet Peas we have ever introduced. The flowers are mostly duplexed and delightfully frilled, giving the blossoms a fine light, wavy effect in spite of their large size. The color is cream ground, lightly flushed, soft rose pink. The effect when bunched is very sweet and pleasing, and the flowers are well placed on strong stems. Pkt., 20c; ½ oz., 50c; oz., 90c.

**WE FEEL SURE  
THAT MANY  
OF OUR  
CUSTOMERS  
WILL WANT TO  
INCLUDE ALL  
FOUR  
VARIETIES  
IN THEIR  
GARDEN.**

**ONE PACKET  
EACH OF  
MISS DELIGHT,  
KITTY PIERCE,  
RIPPLES,  
AND  
WINNIE MORSE  
(VALUE, 80c)  
WILL BE  
MAILED TO ANY  
ADDRESS  
POSTPAID FOR**

**75¢**

**½ oz. each,  
(VALUE \$2.00)  
POSTPAID FOR**

**\$1.75**

**1 oz. each,  
(VALUE \$3.60)  
POSTPAID FOR**

**\$3.25**

**THESE WONDERFUL SWEET PEAS SHOULD BE IN EVERY GARDEN**



# SPENCER SWEET PEAS

## "THE SUMMER FLOWERING VARIETIES"

Our Sweet Peas have been selected for their long stems and large flowers. No other house can offer you any better

Sweet Peas deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden and bear all summer an abundance of beautiful, fragrant flowers of many wonderful shades and tints. We have selected the following list of the newest and choicest up to date Sweet Peas known, for color, size of blossoms and long stems and have the endorsement of the leading American and European specialists. Many of the varieties we offer have been awarded the Certificate of Merit by both the American Sweet Pea Society and the Royal Horticultural Society of England.

**How to Grow Sweet Peas**—The general opinion is that Sweet Peas being common and hardy can be planted anywhere, which accounts for a lot of failures. There is no reason why everyone should not have fine flowers if they will observe a few simple rules. First of all **plant early**. We recommend the middle of April. Dig deeply. If you are growing Sweet Peas every year, try and prepare your ground in the Fall, and dig at least 12 inches deep, mixing manure thoroughly in the sub-soil. The surface soil in which the seed is sown should not contain manure. If you prepare your ground in the Fall you will find you can sow earlier in the Spring. If you can not secure manure, use bone meal or commercial fertilizers containing phosphate and potash. Cover the ground an eighth of an inch with these and then dig in and mix thoroughly with the soil. Sow the seed three inches deep if in sandy soil, or two if in clay. Cultivate as soon as they are up and keep cultivating. Stake them as soon as the rows show plainly. For the first month they scarcely make any growth above ground, but don't need water unless the season is very dry. Later on, when they are showing vigorous growth, a thorough watering twice a week will help wonderfully, if there is not sufficient rain. An open space is preferable for Sweet Peas but they may also be planted alongside a house or fence but never trees. Thousands inoculate their Sweet Pea seed with Stim-U-Germ. (See page 129). Spray thoroughly and often to prevent infection by aphids. We recommend spraying with black leaf "40" or Evergreen for this purpose. Leaflet on Sweet Pea Culture, Free.

**NOTICE**—We have eliminated all the old varieties of conflicting colors in Sweet Peas, and have listed only the newer and finer varieties of exceptionally fine merit which we consider the best in their particular color class.

### Blue

**HEAVENLY BLUE.** A most beautiful shade of delphinium blue. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

### Blue, Light

**GLENEAGLES.** Flowers of distinct rounded form, beautifully waved with daintily frilled edges. Color lavender-blue, slightly deeper at center. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

### Blush Pink

**VALENTINE.** A recently introduced charming blush pink variety. The flowers are well formed, of largest size and are well placed in fours and fives on long strong stems. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

### Blush Lilac

**KITTY PIERCE.** See Sweet Pea Novelties.

### Carmine

**DOREEN.** Carmine rose flowers of large size and beautifully waved petals. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

### Cerise

**CHARMING.** A brilliant orange cerise. Flowers open true and hold color well. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

### Cerise, Deep

**HERO.** Is a beautiful shade, because in sunshine or artificial light it appears to be suffused richly with salmon. "Hero" is an entirely new shade of color and difficult to describe, and on account of its brilliance and clarity will surely be welcomed by all who like brilliant shades. The flowers are large, nicely waved, and well placed on strong stems. Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.80.

### Cerise Scarlet

**DEFIANCE.** The color is a pleasing cerise-scarlet, absolutely burnless. Defiance has a charming form. It is of immense size and of vigorous robust habit; carries four very large size flowers on long stout stems, which are produced in great profusion. An outstanding variety which must be seen to be appreciated. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

### Cream

**WHAT JOY.** A charming new variety of rich deep primrose-yellow shade. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

### Cream Pink

**MARY PICKFORD.** A dainty cream pink with a faint suffusion of salmon. Flowers exceptionally large with both standards and wings beautifully waved. Strong growing and free flowering. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

### Cream Pink, Pale

**WINNIE MORSE**—See Sweet Pea Novelties.

### Crimson

**CRIMSON KING.** Undoubtedly the most glorious crimson Sweet Pea yet introduced. Flowers of large size, perfectly placed on long strong stems and of rich deep crimson color. Entirely free from sunburn and wind scald. Vigorous growing and a very profuse bloomer. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.



Spencer Sweet Pea

### Lavender

**AUSTIN FREDERICK.** Our stock is of the improved strain. Flowers of largest size, well placed on long strong stems. Color a true lavender, the best yet introduced. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

### Lavender, Pale

**WEMBLY.** A beautiful shade of lavender with a silvery blue sheen. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.



# SPENCER SWEET PEAS

"ARE OF THE LARGEST AND MOST BEAUTIFUL SHADES"

## Maroon, Dark

**THE SULTAN.** A rich black velvety maroon. We consider this the best maroon. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.

## Mauve

**CHIEFTAIN.** The most beautiful shade of pure satiny mauve. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

## Orange

**TANGERINE.** Brilliant tangerine-orange flowers. A very popular variety. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

## Orange Pink

**ROYAL PINK.** The most magnificent shade of shrimp pink with large well formed waved flowers. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

## Orange Scarlet

**MAMMOTH.** Brilliant orange-scarlet of large size, the standard showing more orange than the wings. Vigorous and very free blooming. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

## Picotee Edged Pink

**YOUTH.** Clear waxy white with well defined pink edging. Produces large blooms even where conditions are not entirely favorable. Not only beautiful but delightfully fragrant. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

## Pink, Pale

**SUPREME.** This is the best clear pink known. It is a soft and delicate color. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

## Pink, Deep

**PINKIE.** Is larger than any other variety we have seen in the deep pink class. The beautiful rose pink tone of the flowers is free from the blueness of other deep pinks and in a bunch it is glorious. It is a most vigorous grower, a continuous cropper with long stout stems, and blooms over a longer period than other varieties. The flowers are nicely waved and well placed on the stems. Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.80.

## Purple

**ROYAL PURPLE.** Rich royal purple. The color deepens as the flower ages which is a desirable quality in a purple variety. The best purple sweet pea. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.

## Rose

**ROSABELLE.** A very rich bright rose. Flowers beautifully waved or fluted and of extra large size. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

## Salmon

**BARBARA.** A superb salmon-colored self that makes a telling bunch either for exhibition or table decoration. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

## Scarlet

**HAWLMARK SCARLET.** A really wonderful bright scarlet. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

## White

**AVALANCHE.** Glistening white of great substance. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00.



Mary Pickford

## SPENCER SWEET PEAS—MIXED

Splendid mixture, composed of Giant Waved Spencer varieties, blended in proper proportion and including several new hybrids of exquisite colors and shades. The varieties included in this mixture will produce from three to four flowers on a stem. ½ oz., 20c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.50; lb., \$2.75.

## SPECIAL OFFER OF SPENCER SWEET PEAS

We will send you one 10c package each of the 23 varieties listed (not including 15c or 25c pkgs.) for \$2.00

Your choice of any 15 varieties (not including 15c or 25c packages) 10c packages only, for \$1.25

Our choice of any 15 varieties, (10c packages) for \$1.00

## Alphabetical List of Grandiflora Sweet Peas

The over shadowing size and beauty of the Spencer Sweet Peas has gradually reduced the demand for most varieties of the Grandiflora types, so that we now offer only a limited list.

	Oz.	¼ lb.	1 lb.
LADY GRISEL HAMILTON—Lavender .....	.20	.50	1.75
DOROTHY ECKFORD—Large white .....	.20	.50	1.75
FLORA NORTON—Bright sky blue.....	.20	.50	1.75
KING EDWARD VII—Deep red .....	.20	.50	1.75
MRS. E. KENYON—Large Clear primrose .....	.20	.50	1.75
MRS. WALTER WRIGHT—Rose purple .....	.20	.50	1.75
MISS WILMOTT—Orange pink .....	.20	.50	1.75
BLACK KNIGHT—Very dark maroon .....	.20	.50	1.75
PRIMA DONNA—Pure pink, self colored .....	.20	.50	1.75
PEERLESS MIXED—The best Grandiflora Mixture, colors well proportioned.....	.15	.40	1.50

## LATHYRUS—Everlasting or Perennial Sweet Peas

A hardy perennial climber. Sow the seed in rich ground early in the Spring, covering one inch deep. Trellis should be provided for the vines to climb. The young plants start slowly but make a strong growth and bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance, and give profusion of bloom from early Summer until late in the Fall. They die in Winter but start again from the old roots in the Spring.

Red, Pkt., 15c; ½ oz., 40c; oz., 75c.

White, Pkt., 15c; ½ oz., 50c; oz., 90c.  
Mixed, Pkt., 10c; ½ oz., 35c; oz., 65c.

Pink, Pkt., 15c; ½ oz., 40c; oz., 75c.

Sweet Peas are so Easy to Grow and Such a Beautiful Reward—What Garden Can Afford to be Without Them



# S. N. & S. CO'S. SPENCER SWEET PEAS

## THE EARLY OR WINTER FLOWERING VARIETIES

This new race of Early Flowering Spencer Sweet Peas are particularly adapted to sections where the summer flowering Spencer varieties have not proved satisfactory. They are now very popular and in great demand by florists for forcing under glass for winter and early spring blooming, but are just as valuable for the amateur for out-door culture coming into flower four to five weeks earlier than the regular summer flowering varieties and if the flowers are kept picked will continue to bloom over a period of nearly four months. The flowers are large of the same form as the Spencer and are beautifully waved or frilled. We offer the following carefully selected varieties.

Thousands inoculate their Sweet Pea Seed with Stim-U-Germ. (See Page 129). Spray thoroughly and soften to prevent infection by aphids. We recommend spraying with Black Leaf "40" or Evergreen for this purpose.

## NOVELTIES

These two very beautiful varieties will undoubtedly prove to be the forerunners of a distinct new race

### EARLY DUPLEX GEM

Early Duplex, "Gem" is all that its name implies. Everyone who has seen this novelty has been loud in admiration and praise.

The color is soft rose pink flushed on light cream ground.

The flowers are truly enormous in size yet beautifully light and frilly. The huge effect comes of course from the duplexing of the standard and sometimes even the wings.

The vines are not heavy but bear a profusion of blooms on good stems. Pkt. (about 25 seeds) 25c.

### EARLY DUPLEX PIONEER

Early Duplex "Pioneer". The color is rose pink on cream ground. The color is quite uniformly spread over the standard and the wings giving a lovely effect which is greatly added to by the unusual frilliness of the flower. The flowers look double and really are double since often there will be three or four standards and sometimes the wings are also double.

The vines are quite vigorous and bear a profusion of flowers on long stems. It is quite common to get four beautiful duplexed flowers on one stem. Pkt. (about 25 seeds) 25c.

#### White

**ALL WHITE.** The largest white, immense size. Of vigorous habit and extremely free flowering. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.

**WHITE HARMONY.** It is a fine grower. The stems are long, the flowers are large and pure paper white of grand substance. White Harmony does not show the green edge on the flowers which other black seeded will show. Four large flowers on each stem, the best white sweet pea yet introduced, awarded silver medal. Pkt., 20c; ½ oz., 75c; oz., \$1.40.

#### Pink

**SUPERIOR PINK.** A pleasing shade of glowing pink with a soft suffusion of salmon. Large, beautifully waved flowers. Awarded a silver medal. Flowers exhibited at the New York Show measured 2½ inches across. Pkt., 15c; ½ oz., 30c; oz., 55c.

**IMPERIAL PINK.** A new grand variety with large clear pink blooms and long stems. Pkt., 15c; ½ oz., 40c; oz., 75c.

#### Blush

**FAIR MAID.** A blush pink, suffused salmon on a white ground. A beautiful shade. Pkt., 15c; ½ oz., 35c; oz., 60c.

#### Crimson

**AVIATOR.** Deep rich crimson. A strong and beautiful color. A vigorous grower. Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.75.

**QUEEN CRIMSON.** The brightest and richest of the Early Crimson, large flowers, long stems and good growth. Queen Crimson will be the choice of those who grow the best, will be in great demand on account of the brilliant coloring. Pkt., 25c; ½ oz., 70c; oz., \$1.35.

#### Scarlet

**GRENADIER.** The large flowers are a rich Poppy-scarlet. Borne profusely on long stems. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.40.



Early Flowering Sweet Peas

**EARLY FLOWERING SPENCER MIXED.** A choice mixture of the foregoing named Early Flowering Spencer Varieties. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20; ½ lb., \$2.00; lb., \$3.50.

#### Rose

**ZVOLANEK'S ROSE.** This is a widely known variety with large flowers and bold stems. Color a rich rose. Pkt., 15c; ½ oz., 35c; oz., 65c.

**CHEVALIER.** A true rose color with just a suspicion of yellow toward the base. Well waved. Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.80.

#### Orange

**ORANGE KING.** The most outstanding orange sweet pea. It is a clear intense orange. Pkt., 20c; ½ oz., 75c; oz., \$1.40.

#### Orange-Scarlet

**GLITTERS.** Glitters and scintillates with a fire-like sheen radiating over the flowers. The standard is a bright fiery orange, and the wings are deep orange. Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.75.

#### Lavender

**SWEET LAVENDER.** A beautiful shade of lavender. Pkt., 15c; ½ oz., 35c; oz., 60c.

#### Blue

**NEW BLUE.** A charming shade of true blue; a color much in demand. Of great size, excellent form, free blooming, long stemmed, and heavy texture. Pkt., 20c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.40.

**SILVER BLUE.** The large flowers borne three or four to a spray are beautifully spaced and are a pleasing delicate shade of lavender blue, showing up splendidly in both natural and artificial light. Stems are long and sturdy. For a light blue we feel that those growing sweet peas will find Silver Blue a most satisfactory variety. Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.80.

#### Purple

**AMETHYST.** The color is a rich warm purple, the younger flowers having a slightly softer color tone. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.

It will pay you to get acquainted with our seed and plant collections



**POPPIES**

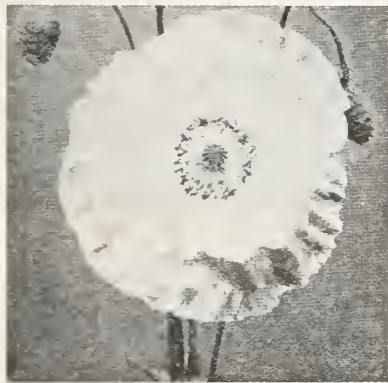
Annual Poppies should be sown as early in the spring as possible; they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanded, the flowers will last several days.

**SINGLE ANNUAL VARIETIES**

**Dannebrog or Danish Flag**—Large flowers of brilliant scarlet, with a silvery spot on each petal, forming a white cross. Very showy. Pkt., 5c; ¼ oz., 25c; ½ oz., 35c; oz., 60c.

**Tulip or Glaucum Flowered**—Intense scarlet. The brightest colored of all Poppies. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; oz., 85c.

**Single Annual**—Mixed colors. Gorgeous colorings, easily grown from seed sown in the open. Pkt., 5c; oz., 25c; ¼ lb., 85c.

**Shirley Poppies**

**Shirley Mixed**—An extra fine strain of charming poppies. They are single and occasionally semi-double and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are daintily edged and striped. In fact so varied are they that scarcely any two flowers are alike. Pkt., 10c; ¼ oz., 25c; ½ oz., 35c; oz., 50c.

**White Shirley**—An exquisite free-flowering variety with single and semi-double flowers carried gracefully on fine stems 12 inches long. The flower petals are pure white and have a satiny wrinkled finish. Pkt., 10c; ¼ oz., 25c; ½ oz., 35c.

**Pink Shirley**—A free-flowering single Shirley Poppy of a beautiful wild rose color. Grows 12 inches tall. Pkt., 10c. ¼ oz., 25c; ½ oz., 35c; oz., 50c.

**DOUBLE ANNUAL VARIETIES**

These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

**Double Carnation or Peony Flowered, Mixed**—Large, full double fringed flowers, 2 feet high. Pkt., 5c; ¼ oz., 25c; ½ oz., 35c; oz., 50c.

**Cardinal Scarlet**—Splendid double fringed flowers. Pkt., 10c; ¼ oz., 25c; ½ oz., 35c; oz., 50c.

**White Swan or White Fringed**—Immense double white flowers, beautifully fringed. Pkt., 10c; ¼ oz., 25c; ½ oz., 35c; oz., 50c.

**Double Salmon Pink**—A beautiful shade and a favorite with all. Pkt., 10c; ¼ oz., 25c; ½ oz., 35c; oz., 50c.

**American Flag**—Beautiful variety; flowers very large and double; snow-white, bordered with scarlet. Pkt., 10c; ¼ oz., 25c; ½ oz., 35c; oz., 50c.

**PHLOX—Drummondii****(ANNUAL VARIETIES)**

Phlox is a very pretty free-flowering annual of quick growth, coming into bloom early in summer. When sown en masse the coloring is varied and brilliant beyond description. Sow the seed thinly as early in the spring as the ground can be worked into a loose and mellow condition, and cover ¼ inch deep. Phlox makes beautiful borders.

**Alba**—Pure White..... Pkt., 10c; ¼ oz., 50c

**Fireball**—Fine Scarlet..... Pkt., 10c; ¼ oz., 50c

**Isabellina**—Yellow..... Pkt., 10c; ¼ oz., 50c

**Violet**—With purple eye. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

**Lilac**—A bright soft lilac. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

**Crimson**—Large well-formed heads. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

**Feeless Mixed**—Pkt., 10c; ¼ oz., 30c; ½ oz., 45c.

**Fine Mixed**—Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

**COLLECTION OF PHLOX**

Collection contains the following varieties: Alba, Fireball, Violet, Yellow, Lilac, Crimson. One packet each, (value 60c).

POSTPAID FOR 50c

POPPIES ARE SO EASY TO GROW AND ADD SUCH CHARM TO THE GARDEN

**POPPIES****PERENNIAL VARIETIES**

Hardy perennials of easy culture; in bright glowing colors.

**True Oriental Poppy—(Papaver Orientale)**

**ORIENTAL**—(Papaver Orientale)—This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms often measuring 5 to 6 inches across, deep crimson, with a conspicuous black blotch on each petal. Transplanting should be done carefully. The best time to lift plants is in August. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; oz., 85c.

**Oriental Hybrids**—Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, ranging from delicate shades of Salmon to deep crimson. Mixed, Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

**ICELAND**—Papaver Nudicaule—Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow, and orange with satiny crinkled petals; beautiful flowers in colors.

**Yellow, Orange Red, White, or Orange**, Pkt., 15c; ¼ oz., 45c; ½ oz., 75c.

**Iceland Poppy**—Mixed, Pkt., 15c; ¼ oz., 30c; ½ oz., 50c.

**Pyrethrum—"Painted Lady"****PYRETHRUM**

**ROSEUM**—Single Hybrids Mixed—A lovely flower of easy culture, and should be more generally grown. They resemble large daisies, but of various shades of pink, deep red and purple, and make a pretty show in the garden. They also make handsome cut flowers, having stems 1½ feet long. The plants are perfectly hardy; grow 2 feet high. Pkt., 15c; ¼ oz., 45c.

**AUREUM**—Golden Feather—A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage. Half-hardy perennial. Six inches. Pkt., 10c; ¼ oz., 35c.

**PHLOX—Hardy Perennial—F. Decussata**

One of the finest hardy perennials, with extremely large heads of the most magnificently colored flowers, remaining in bloom during the late summer months. Two to three feet. Usually blooms the first season. Requires 3 to 4 months for seed to germinate. Mixed. Pkt., 20c; ¼ oz., 85c.



**RICINUS—Castor Oil Bean—See Page 58****SALVIA—Scarlet Sage**

**splendens**—A tender perennial blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely. Two feet. Pkt., 10c; ¼ oz., 50c; ½ oz., 85c; ¾ oz., \$1.45; oz., \$2.50.

**SWEET SCENTED LAVENDER—See Lavendula****Scabiosa, Mourning Bride or Pincushion Flower****SCABIOSA—Mourning Bride—Pincushion Flower**

They grow about 2½ feet high, and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut, keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting. Hardy annual.

<b>Azure Fairy—Clear Lavender Blue</b> .....	Pkt., 10c; ¼ oz., 35c
<b>Snowball—Pure white</b> .....	Pkt., 10c; ¼ oz., 35c
<b>Fiery Scarlet</b> .....	Pkt., 10c; ¼ oz., 35c
<b>Peach Blossom—Pink—A wonderful color</b> .....	Pkt., 10c; ¼ oz., 50c
<b>Tall Double Mixed</b> .....	Pkt., 10c; ¼ oz., 30c
<b>Dwarf Choice Mixed</b> .....	Pkt., 5c; ¼ oz., 25c

**COLLECTION OF SCABIOSA**

One packet each of the above four named varieties: Azure Fairy, Snowball, Fiery Scarlet, Peach blossom (Value 40c).

**POSTPAID FOR 35c****SAPONARIA**

**Ocymoides**—An unusually pretty border or rock garden plant, producing during the summer masses of small bright rose flowers and blooming profusely all during the spring and summer, 6 inches tall. Hardy perennial. Pkt., 10c; ¼ oz., 25c; ½ oz., 35c; oz., 95c.

**SHASTA DAISY—(See Chrysanthemum Page 59)****SNAPDRAGON—(See Antirrhinum Page 55)**

**CARAGANA, or Siberian Pea Tree**—A very hardy hedge of low growing tree from Siberia, bearing clusters of golden yellow fragrant flowers in immense quantity early in the spring. These followed by reddish colored seed pods that hang on through a portion of the summer. Foliage dark green, while the bark is light green or silvery in color, making a very ornamental hedge plant. Oz., 30c; ¼ lb., 85c; 1 lb., \$3.00.

**S. N. & S. CO'S.**

**Special Flower and Vegetable Seed Collections**  
See Page 76

**SOW S. N. & S. CO'S.****WILD FLOWER GARDEN MIXTURE**

in out-of-the-way places, back lots, fence corners, etc. Scatter the seed on the surface and rake in. (See page 74).

State Nursery and Seed Co.,  
Helena, Montana

Gentlemen: The seeds, plants, and shrubs all turned out beautifully that I got from you last spring. I had loads of lovely flowers.

Very truly yours,

M. E. S.

Galata, Montana.

**SALPIGLOSSIS or Painted Tongue****Salpiglossis**

One of the greatest favorite annuals of easy culture, beautiful orchid-like flowers, produced from early summer until late fall. Seed should be sown early in spring in a hot bed or planted outside as soon as the soil is warm and then transplanted out of doors after danger of frost. Two to three feet.

**All colors mixed**  
Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

**Emperor Mixed**—Large improved strain with a complete range of colors. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

**STOCKS**  
**(Gilliflower)**

The stock is one of our very best annuals either for bedding purposes or for pot culture. Their wonderful range of colors, and unequalled fragrance make them extremely valuable. Half hardy annual, 12 to 18 inches. Sow out doors about May first.

**Improved Large Flowering 10 Weeks Stocks.**

<b>Blood Red</b> Pkt., 10c	
<b>Canary Yellow</b> .....	Pkt., 10c
<b>White</b> .....	Pkt., 10c
<b>Blue</b> .....	Pkt., 10c
<b>Purple</b> .....	Pkt., 10c
<b>Pink</b> .....	Pkt., 10c
<b>Lavender</b> .....	Pkt., 10c

Any above named  
¼ oz., 45c; ½ oz., 75c.

**Mixed**—All colors,  
Pkt., 10c; ¼ oz., 40c; ½ oz., 65c.

**Stocks**

**MAMMOTH FLOWERING BEAUTY STOCKS**—Early flowering winter stocks, of a very branching habit. Largely grown for winter cutting by florists, and for greenhouse decoration. For outdoor use, sow in March, will then bloom from July to frost.

<b>Beauty of Nice—Flesh Pink</b> .....	Pkt., 15c; ¼ oz., 40c
<b>Mont Blanc—Pure White</b> .....	Pkt., 15c; ¼ oz., 40c
<b>Queen Alexandria—Rosy Lilac</b> .....	Pkt., 15c; ¼ oz., 40c

**STOCK—Evening Scented—See Matthiola Bicornis.**

**VIRGINIA STOCK—Malcomia Maritima**

An early flowering small flowered annual, largely grown for edging border. Height about 6 inches, and bloom continuously during cool weather, finest mixed. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

**SUNFLOWER**

<b>Mammoth Russian—Extra Large Heads</b> .....	Pkt., 5c; oz., 10c
<b>Double Chrysanthemum flowered</b> —Hardy annual, growing from 3 to 6 feet. Large densely double golden flowers. Fine, long stout stems for cutting. Pkt., 5c; ½ oz., 30c; oz., 50c.	
<b>Sanguineus</b> —Shades of red, purple, and reddish brown combinations. 5 to 6 feet tall. Very showy. Pkt., 10c; ½ oz., 30c; oz., 50c.	

Park City, Montana.

Gentlemen: I am enclosing an order covering my award check which I received as your prize at our recent community flower show. I just want to tell you that with the seeds purchased from your nursery this spring, I succeeded in capturing eleven first and six second prizes out of the flowers I entered. The judge picked my bouquet of Lavatera grown from your seed, as the most outstanding bouquet of the show, consisting of some 170 different entries. I cannot say too much for your seeds and plants. Thanking you for your generous award,

Yours very truly,  
MRS. H. E.**WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US**





Schizanthus

**SCHIZANTHUS—Butterfly or Fringe Flower**

Called the "poorman's orchid" on account of their easy culture and resemblance in form and variety of coloring to some of the floral aristocrats. Sown out of doors in spring where they are to remain, or started inside and transplanted when the weather is suitable. Hardy annual. One to two feet. Mixed Pkt., 5c; 1-16 oz., 30c; 1/8 oz., 50c; 1/4 oz., 85c.



Sweet William

**SWEET WILLIAM—Dianthus Barbatus**

A beautiful sweet scented old-fashioned annual and perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. The individual florets are handsomely colored and marked. It makes a beautiful bedding plant and is of easy culture.

**Single—Mixed**—The flowers are large, of handsome form and embraces a great variety of extremely rich and beautiful colors. Perennial. Pkt., 5c; 1/8 oz., 25c; 1/4 oz., 40c.

**Annual Flowering Mixed**—A new strain that blooms the first season. Flowers large, borne in great profusion and in beautifully assorted colors. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c.

**SWEET ALYSSUM**—(See Alyssum)

**SWEET PEAS**—(See Pages 67-70)

**THUNBERGIA—Black-Eyed Susan**

A beautiful climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a distinct black center. Of quick growth, blooming profusely from June until October. Tender annual. Pkt., 5c; 1/8 oz., 40c; 1/2 oz., 70c.

**VERONICA—Speedwell**

A beautiful species, with rich deep blue flowers. Pkt., 10c.

**EVERLASTING BOUQUETS**

If you are interested in flowers to use in "everlasting" bouquets, we have a number of them listed under "Strawflower."



Statice

**STATICE LATIFOLIA—Sea Lavender**

These useful plants bear purplish blue everlasting flowers that last a long time after cutting, and are very easy culture. Hardy perennial. Two feet. Pkt., 15c; 1/8 oz., 40c; 1/4 oz., 65c.

**STRAWFLOWERS—Helichrysum**

The everlasting or Strawflowers, with their rich bright colorings are most valuable for winter decorations. Plants grow readily from seed sown in the open ground when the trees are starting out in leaf. When well started, they should be kept cultivated to produce the finest and largest number of flowers. The blooms should be cut as soon as they open, tied in small bunches, and dried slowly in a cool shady place, hanging the flowers downward to keep the stems straight.

**Fire Ball**—Fire Ball is a popular variety mainly because of the richness and brightness of its blooms. They are an intense and vivid crimson. The flowers are large and well formed. The brilliancy of the color is retained well in the dried flowers. Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 60c.

**Canary Yellow**—A well-named variety since the flowers are of almost ball shape and of a rich golden yellow color. They are borne profusely on strong robust plants. Particularly fine. Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 60c.

**White Queen**—Is a favorite on account of its pure white flowers. Is grown extensively by those who make a business of growing Strawflowers for winter bouquets. The reason for this is that the Snowball is most easily dyed to any desired color. The blooms are of largest size and quite double. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 70c.

**Rose Queen**—The color of this distinct variety is a bright and cheerful rose, a shade that is always greatly admired. Rose Queen deserves a place in every garden. The blooms are of remarkable size and form. The petals are large, well expanded, and lie closely together, forming a double flower which never shows a yellow center until it has passed its prime. But even then it is very beautiful, as the yellow center gives a fine color contrast. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 70c.

**Violet Queen**—As the name implies, this variety has violet flowers. The color is rich and intense. Violet Queen is a variety of recent introduction, but it has quickly become one of the most favored of all Strawflowers. The dried blooms show up particularly rich and life-like. Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 60c.

**Mixed**—Those who have not room enough to grow the separate colors will get a fine display from this mixture. Pkt., 5c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 60c.



Strawflowers

**COLLECTION OF STRAWFLOWERS**

We will mail one packet of the five fine Strawflowers (Value 50c), postpaid for 45c.

We will mail 1/4 oz. each of these five fine Strawflowers (Value \$1.35) postpaid for \$1.00.

STRAWFLOWERS MAKE BEAUTIFUL EVERLASTING BOUQUETS FOR THE HOUSE IN WINTER





Sweet Rocket—(Hesperis)

**SWEET ROCKET—Hesperis**

A hardy perennial growing two feet high. A beautiful fragrant flower of the easiest culture and bearing clusters of white and purple blossoms. Flowers from June to September. Mixed—Pkt., 5c; ¼ oz., 25c; ½ oz., 40c; oz., 70c.

**WILD FLOWER GARDEN MIXTURE**

There are many annual flowers that can be grown easily. Seed of such flowers simply raked in a corner of the garden will make a pretty display of flowers and will resemble a perfect wild flower garden. Of course the soil must be fairly good and free from grass and the larger weeds must be pulled out during the season. We have made a mixture of seeds of the hardiest annual flowers that will bloom from early summer until late in the fall. **These are not wild flowers.** Pkt., 5c; oz., 25c; ¼ lb., 70c; ½ lb., \$1.35; 1 lb., \$2.40.

**WOOLFLOWER—(See Celosia Childsii Page 58)****WALLFLOWER or Gold Lack**

These half hardy perennial and annual Wallflowers are grown for early spring bedding and are delicious for their fragrance. Sow indoors in March and transplant outside as soon as weather permits. Wallflower should be better known their adaptability for pot culture and out-door bedding and their very sweet odor should win favor. Eighteen inches. Single Mixed. Pkt., 5c; 1-16 oz., 20c; ½ oz., 35c.

**Early Paris Market**—A beautiful single golden yellow variety, which may be treated as an annual, flowering through the summer from seed sown in the spring. Pkt., 10c; 1-16 oz., 25c.

**Blood Red**—This is a much improved and selected stock of the Annual Wallflower brought out some years ago. We have ever since been carefully selecting this, and each year getting nearer to a blood red. Pkt., 10c; 1-16 oz., 25c; ½ oz., 40c.

**VERBENAS**

Mammoth Verbenas

This well known annual of low growing recumbent habit of growth is very desirable for massing in beds. It is suitable also for borders and window boxes. Large clusters of showy flowers are borne in succession through a long season until frost. Each truss or cluster is about two to three inches across, and include a dozen or more single flowers.

Verbenas Usually flower well in August from seed sown in open ground in May. Germination will be hastened if the seed is soaked in luke warm water before planting. It is desirable to have the soil well fertilized and carefully pulverized. Cover seed about one fourth inch deep.

The seeds require as long as 3 weeks to germinate and the soil must be kept moderately moist until the young seedlings push through the soil. When the young plants have three or four leaves transplant in rows 18 inches apart, choosing preferably a sunny location.

Earlier blooming may be had if plants are started indoors and transplanted in the open ground after danger of killing frost is over. Half hardy perennial trailer, one foot high, usually treated as an annual.

**VERBENAS—MAMMOTH**

**Pink** ..... Pkt., 10c; ½ oz., 35c; ¼ oz., 55c  
**White** ..... Pkt., 10c; ½ oz., 35c; ¼ oz., 55c  
**Blue Shades** ..... Pkt., 10c; ½ oz., 35c; ¼ oz., 55c  
**Defiance**—Intensely rich, brightest scarlet ..... Pkt., 10c; ½ oz., 40c; ¼ oz., 65c  
**Firefly**—Bright Red with small white eye ..... Pkt., 10c; ½ oz., 35c; ¼ oz., 55c  
**Later**—Yellow—A unique color among Verbenas. Very fine. Pkt., 10c; ½ oz., 35c; ¼ oz., 55c  
**Fine Mixed**—All colors ..... Pkt., 5c; ½ oz., 30c; ¼ oz., 50c  
**Peerless Mixed**—Embracing a wide range of beautiful colors, the blooms being of mammoth size. Pkt., 10c; ½ oz., 40c; ¼ oz., 65c.

**WHITLAVIA**

An easily grown, hardy annual, bearing small violet-blue cup-shaped blossoms. Plants one foot high. Sow seed in open ground in spring and thin the young plants. One foot.

**Gloxinoides**—Blue with white throat. Pkt., 10c.

**WISTERIA**

**Sinensis Purple**—One of our most popular hardy climbers. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear. Pkt., 10c.

**WISTERIA—(Sinensis Alba)**—White ..... Pkt., 10c

**WILD CUCUMBER**

Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth. Sow in the fall. Pkt., 5c; oz., 30c; ¼ lb., 95c.

**BEAUTIFY YOUR HOME WITH FLOWERS FROM YOUR OWN GARDEN****PERMANENT BEDS AND BORDERS****Hardy Flowering Perennials**

Antirrhinum	Lavender
Aster	Lupinus
Aquilegia	(Perennials)
Canterbury Bells	Lychnis
Chrysanthemum	Phlox (Hardy)
Coreopsis	Poppy (Hardy)
Delphinium	Pyrethrum (Hardy)
Digitalis	Sweet Rocket
Gaillardia	Scabiosa
Gypsophila	Wallflower
Hollyhock	

**BACKGROUNDS AND BORDERS****Dwarf Border Plants**

Alyssum	Myosotis
Candytuft (Hardy)	Pansy
Carnation (Border)	Pinks (Hardy)
Daisy, Double	Sweet William

**Tall Sorts for Backgrounds**

Amaranthus	Lupinus
Celosia Plumosa	Marigolds (African)
Cosmos	Ricinus
Dahlia	Sunflower
Lavatera	

**PARTLY SHADY PLACES**

Antirrhinum	Godetia
Aquilegia	Matricaria
Asperula	Mimulus
Canterbury Bells	Myosotis
Coreopsis	(Forget-Me-Not)
Clarkia	Nemophila
Daisy, Double	Oenothera
Delphinium	Pansy
Flax, Scarlet	Poppies
Foxglove	Schizanthus

**HANGING BASKETS, WINDOW BOXES, ETC.**

Alyssum	Lobelia
Asparagus	Nasturtium, Dwarf
Convolvulus Minor	Petunia
Kenilworth Ivy	Thunbergia

**FOLIAGE**

Celosia	Pyrethrum,
Centaurea	(Golden Feather)
Kochia	Ricinus

**WINTER BOUQUETS****Everlastings**

Acrolinum	Helichrysum
Celosias	Strawflowers
Statice	

**CLIMBING VINES**

Asparagus	Humulus, Jap. Hop.
Balloon Vine	Ipomea
Canary Vine	Kudzu Vine
Cobea	Moonflower
Convolvulus	Morning Glory
Cypress Vine	Nasturtium, Tall
Dolichos	Thunbergia
Gourds,	Wisteria
Ornamental	

**EDGING WALKS, ETC.**

Ageratum	Phlox, Dwarf
Alyssum	Pinks, Chinese
Candytuft	Pyrethrum
Lobelia	(Golden Feather)
Myosotis	Nasturtium, Dwarf
(Forget-Me-Not)	Nigella
Marigold, Dwarf	Zinnia, Dwarf

THE WALLFLOWER WILL ADD A QUAIN OLD FASHIONED TOUCH TO YOUR GARDEN



**StimUplanT**  
Makes a  
Wonder Garden

# ZINNIA

**StimUplanT**  
Makes a  
Wonder Garden

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant or sow directly in the garden after May first.

## New Dahlia-Flowered

New Dahlia-Flowered Zinnias are distinct. The flowers are of immense size and are made up of a great number of small-sized petals. The individual petals stand well apart, giving an attractive grace and looseness to the flowers. They are strong growers, blooming profusely all during summer and fall.

### ZINNIA—Dahlia Flowered OUR TEMPLE MIXTURE

We wish to call special attention to this mixture which is composed of precisely the same variety of seeds as sown by us on the grounds at the Shrine Temple, Helena, and which created such a sensation during the past summer. This mixture contains all the standard and novelty shades in Zinnias and we feel sure will give very satisfactory results. Large packet 40c; ¼ oz., 50c; ½ oz., 85c; 1 oz., \$1.50.

**CRIMSON MONARCH**—One of the best, with immense flowers. A bright and attractive shade of crimson-scarlet. The blooms are of perfect form; borne in great profusion. Pkt., 20c; 1-16 oz., 35c; ¼ oz., 50c; ½ oz., 85c.

**EXQUISITE**—The flowers resemble a large Decorative Dahlia. They are a pleasing shade of reddish rose with deeper rose in the center. One of the most attractive of this type. Pkt., 20c; 1-16 oz., 35c; ¼ oz., 50c; ½ oz., 85c.

**GOLDEN STATE**—An excellent color. Rich golden yellow, shading to orange as the flower ages. Blooms are large, of true Dahlia form, borne on long stems. Pkt., 20c; 1-16 oz., 35c; ¼ oz., 50c; ½ oz., 85c.

**SCARLET FLAME**—Rich orange-scarlet. A dazzling color; is one of the brightest, always attracting attention. Blooms profusely. Pkt., 20c; 1-16 oz., 35c; ¼ oz., 50c; ½ oz., 85c.

**DREAM**—The large flowers are a distinct shade of deep-lavender, shading to purple as they age. Very large and of fine form. A free bloomer of strong and sturdy growth. Pkt., 20c; 1-16 oz., 35c; ¼ oz., 50c; ½ oz., 85c.

**POLAR BEAR**—This is decidedly the finest of all white Zinnias. The flowers are of great size and pure in color. The flowers are borne with a wonderful profusion on fine strong stems. Pkt., 20c; 1-16 oz., 35c; ¼ oz., 50c; ½ oz., 85c.

**ORIOLE**—This variety seems to be particularly popular with all classes of gardeners. A bright glistening orange shaded with liquid gold. As the flowers age they show a coppery cast, but the effect is beautiful at all times. Of good form. Pkt., 20c; 1-16 oz., 35c; ¼ oz., 50c; ½ oz., 85c.

**DAHLIA-FLOWERED MIXTURE**—This is a complete Mixture of Dahlia-flowered Zinnias, including all the above separate colors and many other beautiful and rich shades. Pkt., 15c; ¼ oz., 25c; ½ oz., 45c; 1 oz., 75c; 2 oz., \$1.25.

### COLLECTION OF DAHLIA-FLOWERED ZINNIAS

This collection contains one packet of the six separate colors of Dahlia-flowered Zinnias described above. It will be mailed to any address, postpaid for.....**\$1.00**

**ZINNIA—(Curled and Crested)**—A fine mixture of colors. The petals are curled and the flowers large and attractive. Mixed. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

**ZINNIA ELEGANS**—Dwarf Double Mixed—Pkt., 5c; ¼ oz., 30c; ½ oz., 55c.

**ZINNIA GRACILLIMA COCCINEA**—(Little Red Riding Hood) A superb dwarf variety about one foot high, and literally covered with brilliant red blooms about one inch in diameter. Very attractive for border plant and also when massed. Pkt., 10c; ¼ oz., 40c; ½ oz., 70c.

### ZINNIA—ROBUSTA OR GIANT MAMMOTH

Tall Double—White.....Pkt., 10c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.15

Tall Double—Flesh.....Pkt., 10c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.15

Tall Double—Scarlet.....Pkt., 10c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.15

Tall Double—Yellow.....Pkt., 10c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.15

Tall Double—Crimson.....Pkt., 10c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.15

Tall Double—Deep Rose.....Pkt., 10c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.15

Tall Double—Purple.....Pkt., 10c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.15

Tall Double—Burnt Orange.....Pkt., 10c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.15

Tall Double—Mammoth Mixed Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

### COLLECTION OF GIANT MAMMOTH ZINNIA

This collection contains one packet each of Giant White, Pink, Crimson, Burnt Orange. It will be mailed to any address postpaid for.....**35c**

OR COLLECTION OF THE EIGHT NAMED VARIETIES (Value 80c) postpaid for.....**65c**



Zinnia—New Dahlia-Flowered

## State Nursery Seed Company's Collection of EIGHT EARLY FLOWERING SWEET PEAS

The Early or Winter Flowering Type of Sweet Peas are most valuable for our Northern States. They are found everywhere growing in greenhouses during the winter and are of value in our Southern states. A very acceptable gift. The collection contains the following eight varieties:

**AMETHYST**—Rich warm purple.

**AVIATOR**—Finest large sized orange-scarlet flower.

**FAIR MAID**—Blush pink on a white ground.

**SWEET LAVENDER**—Beautiful shade of lavender.

**GRENADIER**—Rich poppy scarlet.

**NEW BLUE**—A charming shade of true blue.

**CHEVALIER**—True rose color. Waved.

**ALL WHITE**—Large waved pure white.

ONE PACKET EACH of these Eight Fine Early Flowering Sweet Peas, value \$1.35, will be sent postpaid to any address for.....**\$1.15**

ONE-HALF OUNCE EACH of these Eight Fine Early Flowering Sweet Peas, value \$2.85, will be sent postpaid to any address for.....**\$2.50**

## Mother's Garden Collection of Hardy Perennial Flower Seeds

Hardy perennials are easily grown from seed. Perennials are the chief standing of the old fashioned gardens. They require little attention after once established and will last many years, and will increase in beauty with each season.

Aquilegia or Columbine  
Coreopsis  
Chinese Lantern

Canterbury Bells  
Delphinium  
Foxglove

Gallardia  
Hardy Pinks  
Iceland Poppy

Lupins  
Shasta Daisy  
Sweet William

We offer this special collection which contains one packet each of the above 12 popular varieties (value \$1.20) all for \$1.00 postpaid



INOCULATE THIS  
SEED WITH  
FARMOGERM

# The Vegetable Garden

INOCULATE THIS  
SEED WITH  
STIMUGERM

**SAVE MONEY—GROW YOUR OWN VEGETABLES. THEY TASTE BETTER**

It is a moral trait in human nature to love to "grow things". Doctors advise that we eat more vegetables; it is urged too, that we grow the food we eat. Not only are vegetables healthful in themselves—most of them contain vitamins—but the digging, hoeing and planting required to raise them, all done in the open air, furnish the finest kind of exercise. No vegetables ever come to the table like those gathered fresh from the garden because they are fresh. The time spent in the garden is an actual gain in health and in money saved. The chief reason why we should grow our own vegetables is that we may enjoy the better tasting kinds. The home gardener can choose vegetables for flavor only, and he may grow more palatable sorts than those usually seen in the markets.

Many people are under the impression that seeds can only be planted successfully during the spring months of April and May. The truth, however, really is that the wide awake planter begins just as early as the ground can be worked in the spring and sows "successive crops" throughout the summer of beets, carrots, endive, lettuce, peas, radishes, spinach, etc. A space 50 x 50, if properly planted and cared for, will produce far more vegetables than the average family can consume and if purchased in the market would exceed \$60.00 to \$100.00 in cost. Therefore the cost of the family's food can be reduced by having a supply of vegetables of the various varieties at hand.

The owner of the smallest vegetable patch is able, not only to enjoy kinds of vegetables beyond the reach of the householder who has to buy everything he eats, but above all, those he does grow will be far superior in flavor if they are selected with care.

## S. N. & S. Co's. Seed Collections

THESE COLLECTIONS AT SPECIAL RATES, ARE PACKED BEFORE THE OPENING OF THE SEASON AND CANNOT BE CHANGED IN ANY WAY. WE PREPAY THE POSTAGE ON ALL COLLECTIONS

### School Girls

#### FLOWER SEED COLLECTION

Secure this collection for your daughters to encourage them to take an interest in the garden and make the home beautiful.

- 1 Pkt. Asters, Finest Mixed
- 1 Pkt. Calliopsis
- 1 Pkt. California Poppy
- 1 Pkt. Marigold
- 1 Pkt. Mignonette, Sweet
- 1 Pkt. Nasturtiums, Mixed
- 1 Pkt. Pansy
- 1 Pkt. Sweet Peas



Dry Land Garden at the Judith Basin Experiment Station.  
Raised from State Nursery Seeds.

### School Boys

#### VEGETABLE COLLECTION

Secure this collection for your boys. Give them a garden of their own and watch the interest they will take; encourage them.

- 1 Pkt. Beet, Early Round Red
- 1 Pkt. Beans, Yellow Wax
- 1 Pkt. Cabbage, Early
- 1 Pkt. Carrot, Early
- 1 Pkt. Onion, Red
- 1 Pkt. Radish, Early Round Red

ALL FOR  
25c  
POSTPAID

SECURE THIS

ALL FOR  
25c  
POSTPAID

#### CITY GARDEN COLLECTION

- |                                |                                |
|--------------------------------|--------------------------------|
| 1 Pkt. Beans, Early Yellow Wax | 1 Pkt. Lettuce, Loose Leaf     |
| 1 Pkt. Beans, Early Green Pod  | 1 Pkt. Onion, Red              |
| 1 Pkt. Beet, Early Round Red   | 1 Pkt. Parsnip                 |
| 1 Pkt. Cabbage, Early          | 1 Pkt. Peas, Early             |
| 1 Pkt. Carrot, Early           | 1 Pkt. Peas, Medium            |
| 1 Pkt. Corn, Sweet, Early      | 1 Pkt. Radish, Early Round Red |
| 1 Pkt. Cucumber, Early         | 1 Pkt. Radish, Long            |
|                                | 1 Pkt. Tomato, Early           |
|                                | 1 Pkt. Turnip, Early           |

16 Large Size Packets for only 50c Postpaid

50c POSTPAID

All for 25c Postpaid

#### GARDEN BEAUTIFUL COLLECTION

- |                             |                          |
|-----------------------------|--------------------------|
| 1 Pkt. Asters, Finest Mixed | 1 Pkt. Marigold, Mixed   |
| 1 Pkt. Ageratum             | 1 Pkt. Mignonette        |
| 1 Pkt. Alyssum              | 1 Pkt. Nigella           |
| 1 Pkt. Balsam               | 1 Pkt. Poppy, Mixed      |
| 1 Pkt. Candytuft            | 1 Pkt. Phlox, Mixed      |
| 1 Pkt. Morning Glory        | 1 Pkt. Nasturtium, Mixed |
| 1 Pkt. California Poppy     | 1 Pkt. Pansy, Mixed      |
| 1 oz. Sweet Peas Mixed      |                          |

The above collection will give you a continuous show of beautiful flowers from early spring until late fall.

50c

POSTPAID

50c

#### FARM GARDEN COLLECTION FOR \$1.50

- |                               |                            |                                  |
|-------------------------------|----------------------------|----------------------------------|
| 1 Pkt. Beet, Early Round Red  | 1 Pkt. Cauliflower         | 1 Pkt. Parsley                   |
| ½ Lb. Beans, Early Yellow Wax | 1 Pkt. Lettuce, Loose Leaf | ½ Lb. Peas, Early Dwarf          |
| ½ Lb. Beans, Green Pod        | 1 Pkt. Lettuce, Head       | ½ Lb. Peas, Medium               |
| 1 Pkt. Cabbage, Early         | 1 Pkt. Musk Melon, Early   | 1 Pkt. Radish, Early Round Red   |
| 1 Pkt. Carrot, Medium         | 1 Pkt. Onion, Red          | 1 Pkt. Radish, Long              |
| ½ Lb. Corn, Sweet, Early      | 1 Pkt. Onion, Yellow       | 1 Pkt. Turnip, Early             |
| 1 Pkt. Cucumber, Early        | 1 Pkt. Parsnip             | 1 Pkt. Tomato, Early             |
|                               |                            | 1 Pkt. Rutabaga, American Purple |

This Collection of Twenty-three Large Size Packets and ½ Pounds, sufficient for a family garden, All for \$1.50 Postpaid

OUR GARDEN SEED COLLECTIONS WILL SAVE YOU MONEY



S. N. & S. CO'S.  
PEERLESS

# VEGETABLE SEEDS

COMPLETE  
LIST

ALL VEGETABLE SEEDS ARE POSTPAID UNLESS OTHERWISE NOTED

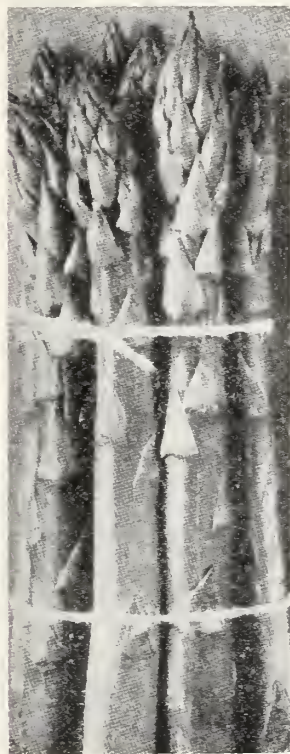
## ASPARAGUS

1 oz. to 50 feet of drill. 5 lbs. to the acre.

Ger.—Spargel.

Scand.—Aspargen

Sow early in the spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. One ounce of seed will make about 500 plants. When the plants are one or two years old transplant to rows 5 feet apart, and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and fine with harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in rows about 18 inches apart, with roots well spread out. Turn a light furrow back over them and level with the harrow by cross harrowing.



Asparagus

### ASPARAGUS

**Conover's Colossal**—A favorite in our western market, having a pink tinge, and very fine flavor, of vigorous growth. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

**Palmetto**—The plants are strong and vigorous in growth, producing large, thick, dark green shoots, with a distinctly pointed head or tip. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

**Washington**—The New Giant Rust-proof Variety—This new sort is the result of many years' work in plant breeding by the U. S. Department of Agriculture. The Washington is a rust-resistant, vigorous, high yielding strain of Giant Asparagus. Plants grow rapidly and produce uniformly long shoots of superior table qualities. It produces large straight shoots of a dark green color. The tips are tight and firm and do not open out or begin to branch until well out of the ground, a very valuable feature. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50.

### ASPARAGUS ROOTS

See Page 50



## ASPARAGUS KNIFE

This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as Dandelions. Each, 50c; postpaid, 60c.



The above photograph shows flowers and vegetables grown on the famous Marcus Daly Estate in the Bitter Root valley from State Nursery and Seed Co. Peerless Seeds.

GROWN

FROM

PEERLESS

SEEDS

## ARTICHOKES

### Jerusalem

Most valuable food for hogs that can be grown. Every hog raiser should plant them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily, 300 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity, the hogs will help themselves. Artichokes need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn, they will come up thickly all over the surface. Those wishing to purchase should place orders early. Per lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.00; 25 lbs., at 15c per lb. by express. Write for prices on larger lots.



Jerusalem Artichokes

## BROCCOLI or Winter Cauliflower

¼ oz. to 100 feet of drill. 2 to 3 oz. to the acre.

Ger.—Spareekohl.

Scand.—Broccoli-kaal.

(One ounce will produce about 3,000 plants)

Sow the first week in May in drills 3 to 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Resembles Cauliflower, cultivation the same.

**BROCCOLI—Snow White**—150 days—Pure white color; heads medium size, close and compact. Pkt., 10c; oz., 75c; ¼ lb., \$2.50.



### BROCCOLI—Green Sprouting

**BROCCOLI—Green Sprouting**—An entirely different and distinct vegetable recently introduced from Europe; is rapidly becoming popular in this country. This variety is another distinct departure from Broccoli in which the sprouting branches have loose flower heads at the ends, which can be broken off and cooked like Cauliflower or Brussels Sprouts. The sprouting Broccoli provides delicious, healthful, boiling greens during summer, autumn, and early winter. The very choice variety which we offer has green, tender shoots and leaves, produced in the greatest abundance. Cultivation is the same as that for cabbage, sowing from March to early July, transplanting later, 2 feet or more apart. Broccoli is preferred by many to Cauliflower. Cut when the buds begin to burst into flower. Pkt., 10c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.75.

### DWARF SHELL BEANS

Shell Beans are grown exclusively to use as dried beans during winter. The food value of dry beans is very high. Sow 16 to 24 lbs. to the acre.

**Great Northern Navy**—This variety is especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans. Its flavor and tenderness as a baked bean are "par excellence." Pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 40c.

FOR LARGER QUANTITIES—See Field Seeds

NEW AND BETTER DAHLIAS—SEE COLLECTIONS—Pages 8, 9, and 10



**INOCULATE THIS  
SEED WITH  
STIMUGERM**

# BEANS

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

(2 lbs. to 100 feet in drill, or 150 hills; 120 lbs. to the acre, in drills.)

Beans require a light friable soil with plenty of moisture. In the garden, the soil should be made mellow and rich, and kept so. All pole varieties should be provided with poles as a trellis on which to climb. For garden crop, a succession of sowings can be made from the first week in May until the middle of June. Sow in rows 18 to 24 inches apart and cover from 1 to 2 inches deep, but not more. Keep the pods picked and the vines well watered and the beans will continue bearing much longer than if allowed to dry up. Hoe the rows occasionally. For farm crop, plant about 25 pounds per acre in rows 36 inches apart. Heavy clay or adobe soils are not suitable for beans.

## DWARF, OR BUSH, WAX OR YELLOW PODDED VARIETIES

### THE SIX BEST YELLOW PODDED BEANS FOR MONTANA

NOTICE — If ordered alone add for mailing, 5 cts. per ½ lb., 10 cts. per lb., 15c per 2 lbs.

**Improved Golden Wax**—Probably the best known of all Wax Beans; it is the ideal Wax Bean; very prolific. Thick fleshed and stringless. 60 days. Pkt., 5c; ½ lb., 25c; lb., 45c; 2 lbs., 80c.



**Early Wonder Wax**

**Early Wonder Wax**—Belongs to the flat podded class and grows a strong plant, 18 inches high. It is well loaded with pods, five to seven inches long; flat, plump, handsome and meaty, of a clear, waxy, yellow color. As to quality the pods are tender, brittle and of fine texture. We claim this is the earliest wax-podded sort. Practically rust-proof, a bountiful yielder, in bearing for a long season, it is an ideal bean for the home and market gardener. It seems determined to yield a crop in good weather or bad. It is a real money maker for the market gardener. Ready to pick in 55 days. Pkt., 5c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c.



**Sure Crop  
Stringless Wax**

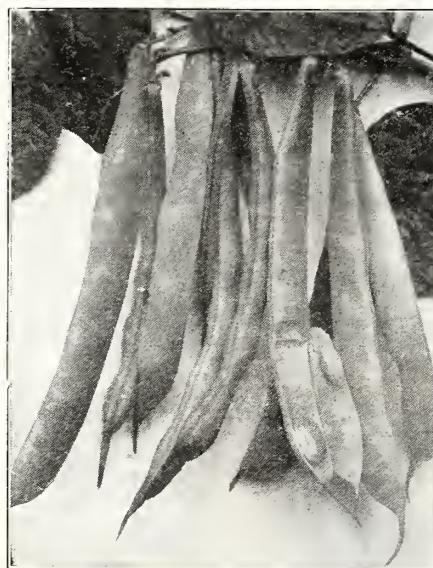
**Sure Crop Stringless Wax**—Very much resembles Bountiful in the sturdy character and disease resistant constitution of its plants. It also starts bearing within 60 days after seeds are sown, but if anything its bearing season is longer. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and we have never found a stringy specimen. In common with most black-seeded varieties. Sure Crop Stringless Wax is very hardy and may therefore be planted several days earlier than the light seeded varieties. 65 days. Pkt., 5c; ½ lb., 25c; lb., 45c; 2 lbs., 80c.

On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight, NOT PREPAID.



**Black Wax—Pencil Pod**

**Black Wax—Pencil Pod**—Is the most satisfactory of the early dwarf Wax Beans. Of dwarf, bushy growth, about fifteen inches high, large luxuriant foliage, beneath which in great clusters will be found an enormous crop of beautiful straight yellow pods six to seven inches long, well rounded, deeply "saddle backed," meaty and solid clear through; they are brittle, of rich mild flavor, and entirely stringless. An early sure cropper; of the finest quality. 65 days. Pkt., 5c; ½ lb., 2c; 1 lb., 45c; 2 lbs., 80c.



**Wardwell's Kidney Wax**

**Davis White Wax**—This is also called the Davis White Kidney Wax. It is a well known market sort much used for shipping. The plants are very hardy and productive, and the variety is very desirable where a handsome wax-podded white seeded intermediate sort is wanted. The plants are very vigorous. The pods are remarkably long, about six inches, sometimes longer. They are handsome, light yellow, straight, very attractive and when young are crisp and tender. The dry beans are excellent for baking. Seed medium large, clear white and kidney shaped. 55 days. Pkt., 5c; ½ lb., 20c; lb., 45c; 2 lbs., 80c.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

**Wardwell's Kidney Wax**—In western prairie soil this sort is at its best, and gives most gratifying results. The pods are seven inches long, flat, brittle, stringless, straight, finely shaped, a beautiful yellow, distinct and attractive; they make delicious eating. A good yielder; good in the home garden and profitable for the market. 60 days. Pkt., 5c; ½ lb., 25c; lb., 45c; 2 lbs., 80c.

PUT A VASE OF FLOWERS ON YOUR DINNER TABLE AND ENJOY THE  
BREATH OF SPRING WITH YOUR MEALS



INOCULATE THIS  
SEED WITH  
STIMUGERM

# BEANS

INOCULATE THIS  
SEED WITH  
STIMUGERM

## DWARF OR BUSH, GREEN PODDED VARIETIES (THE FIVE BEST GREEN PODDED BEANS FOR MONTANA)

NOTICE—If ordered alone add for mailing, 5c per ½ pound, 10c per pound, and 15c per 2 pounds



Bountiful

**Bountiful**—This excellent dwarf, green podded sort is similar in appearance to Early Yellow Six Weeks but is of much better quality. The vines are vigorous and productive. The pods are very long, six to seven inches, straight, broad, flat, light green of handsome appearance and absolutely stringless. They are tender and brittle. The pods are longer, broader, and have much longer tips than those of Long Yellow Six Weeks. Seed medium sized, kidney shaped, light yellow with brownish circle about eye. Bountiful is a most desirable early sort. 62 days. Pkt., 5c; ½ lb., 25c; lb., 45c; 2 lbs., 80c.



Feltham Prolific

**Feltham Prolific**—Is a dwarf green bean and one of the heaviest croppers yet introduced. It produces a mass of medium sized, rich green fleshy pods which are very crisp, and stringless. As the seed is small they do not quickly show through the pods. This is a great advantage as many other good varieties age so quickly that they are useless if allowed to go a day or two too long. "Feltham Prolific" is dwarf with dark green foliage and remarkably quick in growth. A test of ¼ lb. of seed in Montana yielded 10 lbs. of dried beans. Try this sweet and delicious bean. They are really wonderful. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c.



Long Yellow Six Weeks

**Long Yellow Six Weeks**—Are large, vigorous, erect and very productive. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are of a good quality for snaps. Seed medium sized, long, kidney shaped, light yellow with small brownish circle about the eye. Is early maturing and much used for the home garden and market. 62 days. Pkt., 5c; ½ lb., 25c; lb., 45c; 2 lbs., 80c.

### OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 35c.

### FELTHAM PROLIFIC

"THE GREATEST  
PRODUCER YET  
INTRODUCED."  
A MARVEL OF  
PRODUCTIVENESS

### Stringless Green Pod

—Flat pods ready for use within 65 days after sowing seeds. Remains tender and crisp a long time after reaching full size. Pods are pale green, long and round, meaty and of excellent flavor. The plants have a spreading habit of growth and produce large quantities of pods which are very uniform both in size and shape. Pkt., 5c; ½ lb., 25c; lb., 45c; 2 lbs., 80c.



Extra Early Red Valentine

### BOOKS ON HORTICULTURE

In the back of the book you will find listed a carefully selected list of the best books on horticulture and kindred subjects. The prices given include postage.

**Extra Early Red Valentine**—Is very hardy and early, germinates in cold ground where other sorts would rot. Vines are about 15 inches high, yield well; pods are round and fleshy and eaten when young are of good quality. The demand for a hardy early bean of good quality has established a reputation for this excellent sort. For market garden and home use it is an easy winner. 65 days. Pkt., 5c; ½ lb., 25c; lb., 40c; 2 lbs., 75c.

NOTICE—On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. NOT PREPAID.

WE LIKE TO HAVE VISITORS—THEY ARE OUR BEST ADVERTISERS



INOCULATE THIS  
SEED WITH  
STIMUGERM

## BEANS---Pole or Running

INOCULATE THIS  
SEED WITH  
STIMUGERM

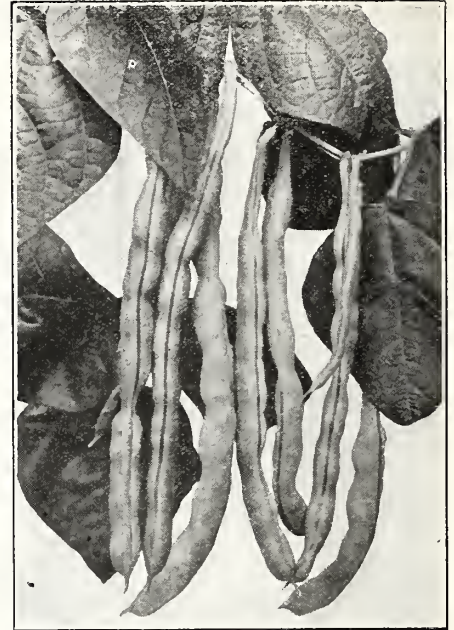
NOTICE—If ordered alone add for mailing, 5c per ½ pound, 10c per pound, and 15c per 2 pounds

Pole beans well deserve to be used more largely than they are since they yield much more heavily than the dwarf varieties. They persist in blossoming and bearing an abundance of fleshy, tender beans until the vines are killed by frost. They are rather more sensitive to the cold and wet than the dwarf varieties and should be planted later. About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

**Kentucky Wonder or Old Homestead—Green Pod**—Pronounced by experts the best flavored of all Beans in cultivation. Kentucky Wonder combines size and quality in an extraordinary degree. Pods are generally borne in clusters of 2 or 4, individual pods averaging 7 to 8 inches long. They are deeply saddle backed, very fleshy and perfectly stringless at all stages of development. Kentucky Wonder matures the bulk of its crop in 80 days. Seeds sown along with the earlier varieties of Bush Beans will yield a crop just about the same time that the Bush Beans are through bearing. Where poles are not available, string supports should be provided since the vines are exceedingly rank growers, bearing exceptionally heavy crops. Pkt., 5c; ½ lb., 25c; lb., 40c; 2 lbs., 70c.

**Kentucky Wonder Wax—Yellow Pod**—The best pole wax bean for northern planting. It is similar in habit of growth to "Kentucky Green Pod" and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt., 5c; ½ lb., 25c; lb., 45c; 2 lbs., 80c.

**Scarlet Runner**—An English bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises. Pkt., 5c; ½ lb., 30c; lb., 50c; 2 lbs., 90c.



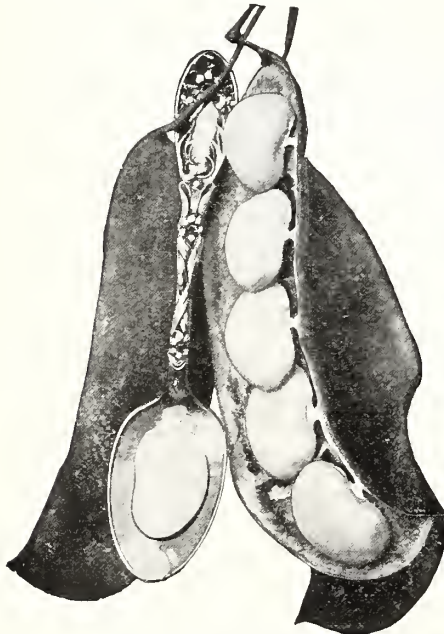
Kentucky Wonder or Old Homestead

StimUplant  
Makes a  
Wonder Garden

## BEANS---BUSH LIMA

Two pounds will plant 100 feet of row.

Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They should be sown on well enriched land, with the rows 2½ feet apart, dropping the beans six inches apart in the row, **eye down**. Unless the Beans are placed "eye down" the young plants find it most difficult to push through the soil. Frequently the neck of the seedling is broken in the attempt which of course stands for loss of the plant. In light soil, cover about one inch deep, less on heavier soils. A good fertilizer applied at the rate of 20 pounds to every hundred feet of row, when the plants begin to bloom, will materially increase the yields. Hill plants slightly early in the season to hold the pods off the ground.



Henderson's Bush Lima

**Henderson's Bush Lima**—This variety belongs to the class of small Lima's, also known as Carolina or Sieva Lima Beans. On account of their hardness they are worth growing in the North, where they will mature early and produce an enormous crop. A week earlier than Burpee's Bush Lima and the flavor of the beans is delicious and sweet. The plants are of true bush growth, and bear tremendously, each pod being filled with three or four of the small, flat light green beans. When mature, the beans are practically white and keep well for winter shell beans. Pkt., 5c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c.

**English or Broad Windsor**—This bean is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods, pinch off the tops as soon as pods begin to set. 65 days. Pkt., 5c; ½ lb., 25c; lb., 45c; 2 lbs., 80c.

NOTICE—On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. NOT PREPAID.



Burpee's Bush Lima

**Burpee's Bush Lima**—Are early and of stout growth and always erect, yet branching so vigorously that each plant develops into a rounded bush from 2 to 3 feet in diameter and from 18 to 24 inches tall. Pods are uniform in size with an average of five large beans to a pod. They are thin skinned and of fine flavor. They are immense yielders. The pods are borne in clusters and are easily gathered. Pkt., 5c ½ lb., 25c; lb., 45c; 2 lbs., 80c.

OUR SEEDS WILL ADD PEP AND VITALITY TO YOUR GARDEN



INOCULATE THIS  
SEED WITH  
STIMUGERM

# TABLE BEETS

INOCULATE THIS  
SEED WITH  
STIMUGERM

Ger.—Rube.

EAT WHEN YOUNG DIRECT FROM YOUR OWN GARDEN

Scand.—Rodebode.

**HOW TO PLANT**—The soil should be rich and deeply plowed, say 8 to 10 inches. Sow in rows 14 to 20 inches apart and about 1 to 1½ inches deep. As soon as the plants have the fifth and sixth leaf, thin to one plant each 3 inches apart. If under irrigation, water as soon as thinned. Cultivate often and do not water again until absolutely necessary, as the soil will dry from the surface down and the top roots will follow. Careful tests have proven that one cultivation a week gives the best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success. (One ounce to 100 feet of drill, 5 to 6 lbs. per acre, in drills. 15 to 20 lbs. to the acre broadcast.)

**Crimson Globe**—Beets may come and Beets may go, but still the Crimson Globe retains its position as one of the best Beets for the market gardener, as well as for the private garden. It is very symmetrical, with small tap root, and but few fibrous roots, color outside is deep blood-red; inside layers of blood red, light grained and unsurpassed in quality. One sowing only is necessary to produce beets for market and main crop for winter use. 45 days. Pkt., 5c; oz., 25c; ¼ lb., 45c; lb., \$1.25.



Beet—Crimson Globe

**Early Wonder or Boston Crosby**—(35 days)—This new variety is extremely early, deep red, tender and sweet. One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red, nearly globular-shaped root, small-sized top, and small, clean tap root, makes it desirable. Its attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a splendid demand for this sort. Grown very extensively for late fall sowing, as it matures two weeks earlier than any other desirable Beet. A field of Early Wonder will mature so evenly that the entire crop may be harvested at any time. We urge that you give it a careful trial. Pkt., 5c; oz., 30c; ¼ lb., 65c; lb., \$1.50.



Beet—Early Wonder

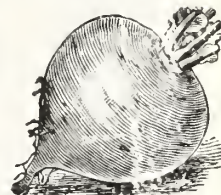
WE HANDLE PLANET JR., SEEDERS AND CULTIVATORS.  
ALSO BARKER WEEDER, MULCHER AND CULTIVATOR  
SEE LAST PAGES

OUR FAMOUS COLLECTION OF TWENTY DAHLIAS, ALL DIFFERENT, SEE PAGE 8



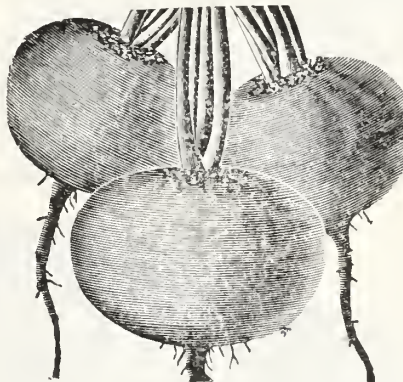
Beet—Detroit Dark Red Turnip

**Detroit Dark Red Turnip**—The roots are globular or ovoid. They are smooth and have but little tops. The skin is blood-red and the flesh dark red lined with a lighter shade. The flesh is tender and the flavor decidedly sweet. A popular favorite for canning because of its extra deep dark red color. 50 days. Pkt., 5c; oz., 25c; ¼ lb., 45c; lb., \$1.25.



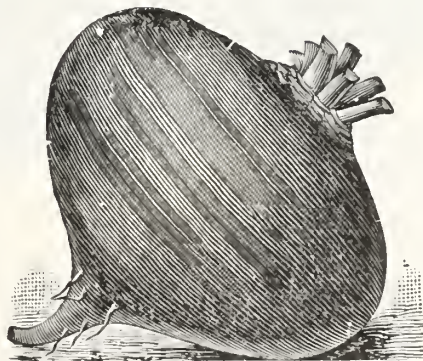
Early Eclipse

**Early Eclipse**—An early beet especially desirable for the home garden and used for bunching. The tops are small. The roots are bright red, smooth, round or slightly top shaped with a small top and small collar. The flesh is bright red, zoned with pinkish white, very sweet, crisp and tender, especially when young. 45 days. Pkt., 5c; oz., 25c; ¼ lb., 45c; lb., \$1.25.



Beet—Early Blood Turnip

**Early Blood Turnip**—An extra selected stock of blood turnip, having larger, coarser tops and root than Detroit Dark Red and requiring a longer time to mature. The roots are dark red and nearly round or slightly flattened. The flesh is deep red, zoned with lighter shade, sweet, crisp and tender. This is an excellent market and home garden sort for summer and autumn use. 50 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.



Beet—Extra Early Egyptian

**Extra Early Egyptian**—This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early with small tops. The leaves are dark green shaded and veined with dark red. The roots are very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom and about two inches in diameter when mature. The flesh is dark purplish red, zoned lighter shade, firm, crisp and tender; 40 days. Pkt., 5c; oz., 25c; ¼ lb., 45c; lb., \$1.25.

**Half Long Blood**—An excellent main crop beet. A great favorite as a table or field sort. Roots deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous cropper and a reliable winter keeper. It is a heavy beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old. 60 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.



**OUR LITTLE PRUNING BOOK**

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 35c.

**SUGAR BEETS**

FOR SUGAR MAKING

5 to 6 pounds per acre in drills. 15 to 20 pounds per acre broadcast

Sugar Beets are not as heavy yielders as the Mangels but are of superior quality containing a larger amount of sugar. They are excellent for feeding cows, improving wonderfully the quality and quantity of the milk. Sugar Beets require deep, well enriched soil. The seed should be sown in drills 2 to 2½ feet apart, and covered 1 to 1½ inches deep, any time during April May or June. Thin the plants carefully to stand 8 inches apart in the row. They are easily stored in outdoor pits, covered with straw and soil. These and Mangels can be profitably grown on grain lands where summer fallowing is practiced. Any crop such as Beans, Corn, Beets, etc., which require cultivation, keeps the weeds down and leave the soil in better condition to produce the grain to follow.



Sugar Beet  
Klein's Wanzlebener

**Klein's Wanzlebener**—Has rather long slender root, very rich in sugar; will yield under average conditions, 16 tons to the acre. All stock men know that sugar makes fat, and will realize its value as a stock food. 80 days. Pkt., 5c; ¼ lb., 25c; 1b., 60c; 10 lbs., \$5.00.

**Vilmorin's Improved**—This French variety is popular with sugar beet growers; contains a large percentage of sugar and requires less water than others. 80 days. Pkt., 5c; ¼ lb., 25c; 1b., 60c; 10 lbs., \$5.00.

**HALF SUGAR AND HALF MANGEL**

For Stock Feeding

The ground should be thoroughly prepared and made firm and mellow, same as for Mangels. Seeding and cultivation, should be continued in much the same manner except that they should be thinned out 6 to 8 inches in the row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than Mangels.

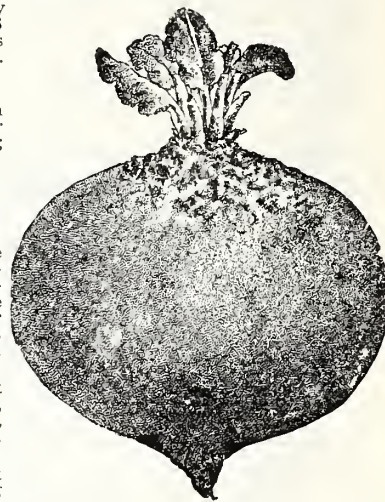
**Giant Feeding or Half Sugar White Mangel**—The most valuable of all for stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled, growing half out of the ground. White flesh, green top. Pkt., 5c; ¼ lb., 25c; 1b., 65c; 10 lbs., \$5.50.

**Giant Feeding or Half Sugar Rose Mangel**—A magnificent sort, growing at least half out of the ground, rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white, rose top. Pkt., 5c; ¼ lb., 25c; 1b., 65c; 10 lbs., \$5.50.

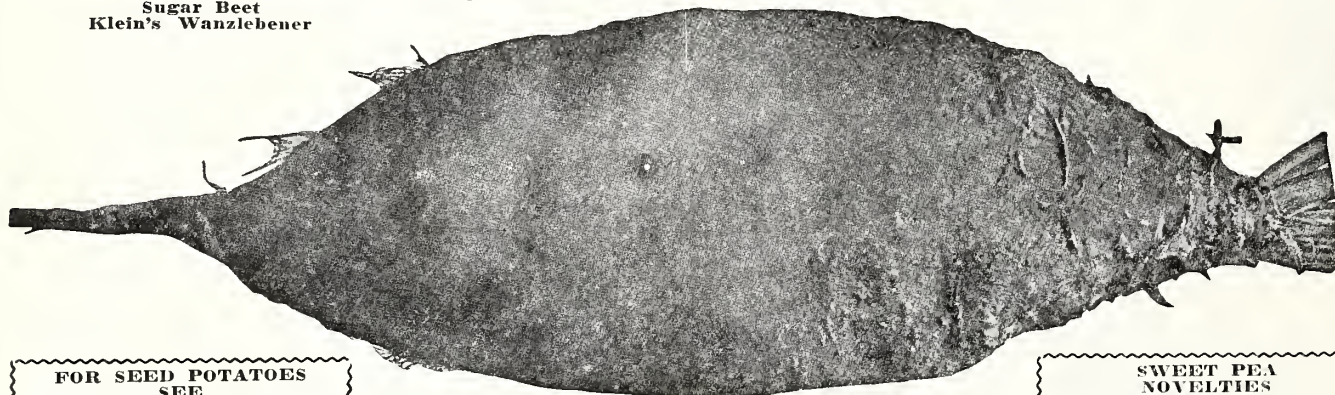
**MANGEL WURZEL**

5 or 6 lbs. to the acre

An ever increasing acreage is being planted for stock feeding purposes, because of the wonderful results obtained from feeding them. Root crops are a great necessity for all kinds of stock, also chickens. Root feeding not only gives high class tissue building substance to the body, but acts as a tonic, keeping the digestive organs in a healthy condition. Root crops should be regularly fed to all stock. Results will show not only in appearance but also in their increased weight, and in dairy stock will enrich and increase the flow of milk. The ground should be thoroughly prepared, and made firm and mellow. Sow in April and May in drills 2 to 3 feet apart. When 4 to 5 inches high thin to 12 to 15 inches apart. Harvest before frost and cut the tops off; by so doing danger of heating is avoided. Store in pits or cellars. A trial will convince you of their value.



Mangel Wurzel—Yellow Globe



Mangel Wurzel—Mammoth Long Red

FOR SEED POTATOES  
SEE  
FIELD SEED SECTION

SWEET PEA  
NOVELTIES  
SEE PAGE 67

**THE FOUR BEST MANGELS FOR MONTANA**

**Mammoth Long Red**—This Variety has produced the largest yield of any kind of mangel at the field trials held at Cornell University. The quality of the roots for feeding is high. The roots grow very large and keep well. They are quite long, light red in color and grow well out of the ground so are easily harvested. Pkt., 5c; ¼ lb., 25c; 1b., 60c; 10 lbs., \$5.25.

**Danish Sludstrup**—Is considered the best of all Mangels, having been awarded first class certificate. In color it is reddish-yellow, and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above the ground and is easily pulled. Pkt., 5c; ¼ lb., 25c; 1b., 60c; 10 lbs., \$5.25.

**Golden Tankard**—A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. The flesh, which is of a distinct deep yellow, is very sweet and tender. The large roots are oval in shape, and therefore will pull easier. 90 days. Pkt., 5c; ¼ lb., 25c; 1b., 60c; 10 lbs., \$5.25.

**Yellow Globe**—An especially good variety to grow if one has a limited supply of water; a great favorite for dairymen, making a wonderful increase in milk; easy to pull and harvest; tops are small. 85 days. Pkt., 5c; ¼ lb., 25c; 1b., 70c; 10 lbs., \$6.25.

**GROW MANGELS FOR POULTRY FEEDING**

Mangels are as good for poultry feeding as for stock, and should be fed regularly in winter, when no other green feed is available. Mangels help furnish a balanced ration, and keep the hens healthy, stimulating the production of eggs, just when prices are highest. They cost but little, in money and labor, and often yield 15 to 20 tons of succulent roots per acre.

Chop or cut the roots and green tops, and feed with grain, at the rate of 25 lbs. for 100 hens per day.

Write for Price on 25 lb. Lots and Larger Quantities

Our Fruit Tree and Shelterbelt Collections will save you money





SWISS CHARD

Ger.—Briskohl. 2 oz., to 100 feet of drill. Sean.—Bladbed.  
Use Leaves and Leaf-Stalks Only as “Greens”  
SWISS CHARD—LUCULLUS—(Or Sea Kale Beet)—Is a delicious vegetable that can be very easily grown. Europeans value it very highly, and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly. 30 days. Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.25.

BRUSSELS SPROUTS

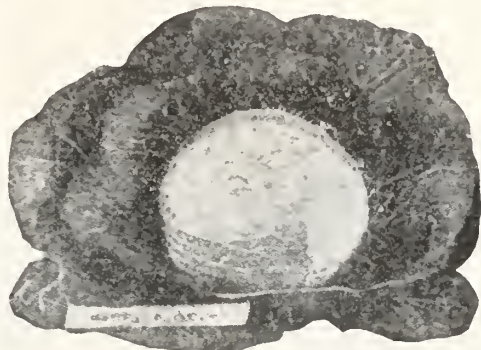
Ger.—Rosenkohl. Sean.—Rosenkaal.  
BRUSSELS SPROUTS—Species of cabbage. One ounce will produce about 3000 plants. A packet 200 plants. It affords fresh green sprouts in the fall when other vegetables are gone. The cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hot beds in March or April and in the open ground in May; cultivate same as cabbage.  
Improved Half Dwarf—An improved variety growing about 20 inches high; produces sprouts in abundance, cut out head of plant when sprouts have formed. 25 days. Pkt., 5c; oz., 35c; ¼ lb., \$1.00.  
CHICORY  
Whitloof or “French Endive”—Seed sown in May or June produces roots which, when taken up and placed in sand in a warm dark place, throw out tender white sprouts which are used as salad. These sprouts are often called French “Endive.” Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.



Brussels Sprouts

CABBAGE

One ounce will produce 3,000 plants; one-quarter pound will produce plants for one acre. ¼ oz. to 100 feet of drill.  
The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then as early as possible after danger of freezing to the open ground. Cultivate often and keep well watered if under irrigation. For late crops sow seed in open ground and transplant, or some succeed well by sowing seeds in hills where wanted and thinning to one. This avoids the necessity of waiting for a damp time to transplant.  
Extra Early Varieties  
Early Jersey Wakefield—has been for many years one of the leading pointed head early cabbage. Our strain is very early and practically all the plants produce heads of the correct shape and they mature almost at the same time. It has few outer leaves, and in compactness and regularity cannot be surpassed. The thick stout leaves and compact habit make it the best sort for very early setting. It frequently matures inside of 100 days from sowing. 80 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.



Cabbage—Earliest of All

Earliest of All—Is the earliest hard heading cabbage in cultivation. Earliest of All combines earliness with solidity, good size, delicious flavor, tenderness and productiveness. We claim that it is the earliest cabbage in cultivation. It has produced fine marketable heads in 70 days from the sowing of the seed, very compact with few outer leaves, permitting close planting. It is a great money maker for the market gardeners and valuable for the home garden. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.



Cabbage—Early Winningstadt

Extra Early Winningstadt  
A Medium Size Pointed Head Which is Firm and Solid  
A very fine header and will grow a hard head under circumstances where most sorts would fail. It will stand more frost, drought, wet, insects and diseases than any other early Cabbage. Plants very compact, with short thick leaves. Heads regular, conical and very hard. It is the latest of the pointed varieties. 90 days. Pkt., 5c; ½ oz., 20c; oz. 30c; ¼ lb., \$1.00; lb. \$3.00.

CARCO  
VEGETABLE  
SPRAY

Controls the cabbage, turnip, beet, Cauliflower, Radish and Onion Maggot.  
See Page 131



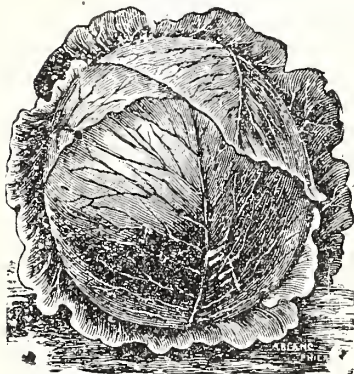
Cabbage—Copenhagen Market

Copenhagen Market—A new early variety, which is very popular with market gardeners. It is the finest large, round-headed early Cabbage in cultivation. It is also desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense, and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid and with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer shaped and tightly folded, making it possible to set them close together in the field. 85 days. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.



**Glory of Enkhuizen**—The earliest and largest white Cabbage—attractive for market purposes. Solid with large ball shaped heads, thin-ribbed and hard, few outside leaves; exceedingly tender. Is a dwarf and compact grower; allowing close planting; will yield more tons per acre than any other variety. 90 days. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

### Second Early Variety



Cabbage—Early Summer

**Early Summer**—A reliable second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. This variety, maturing so soon after the pointed head sorts, is exceedingly valuable for growing as a second crop, and as it is suited to all sections it is very largely grown. 110 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

### Late or Winter Varieties

#### HAMMOND'S SLUG SHOT

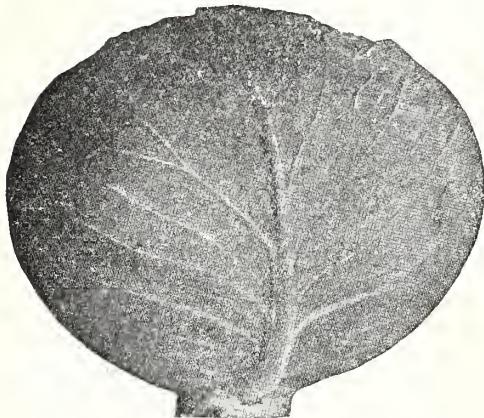
Kills Cabbage and  
Cauliflower Worms.

See Insecticides.



Cabbage—Large Late Flat Dutch

**Large Late Flat Dutch**—A low growing variety, heads large, bluish green, round, solid, broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. 120 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.



Cabbage—Hollander or Danish Ballhead

**Hollander or Danish Ballhead**—Very hardy, handsome, very solid, of fine quality. Plant vigorous, compact growing, with longer stem than most sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whiteish bloom. Heads medium sized, round, very solid, and stands shipment better than any other late sort. 120 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10; lb., \$3.25.

#### HAMMOND'S SLUG SHOT

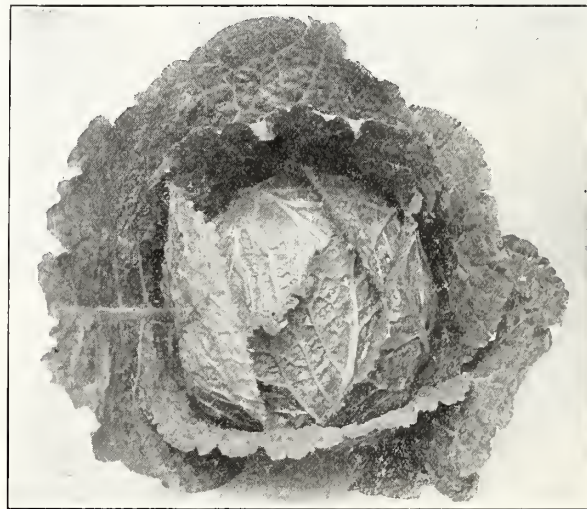
KILLS CABBAGE AND CAULIFLOWER WORMS

SEE INSECTICIDES

CARCO  
VEGETABLE  
SPRAY  
Controls the  
Cabbage,  
Turnip, Beet,  
Cauliflower,  
Radish and  
Onion Maggot  
See Page 131

**Danish Roundhead—(Short Stem)**—This is an improved form of the Danish Ballhead, and will average more in weight per head than the old parent type. Shorter stemmed, very vigorous and has developed a wonderful capacity for withstanding hot sun. Inside leaves blanch white, very solid, and exceedingly crisp and tender. 115 days. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.10; lb., \$3.25.

**Red Rock**—This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads, which are round, with spreading outer leaves mature at a late season, and on account of their solidity will keep well for a long time. It is the best and most attractive Red Cabbage grown. Fine for pickling. 120 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.



Cabbage—Drumhead Savoy

**Drumhead Savoy**—The plants are vigorous, of medium size, with rather short stem and are very sure heading, the outer leaves are medium large, thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, fairly solid, sweet and tender. 110 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.



Chinese Pe Tsai or Celery Cabbage  
Blanched Head

**Chinese Pe Tsai or Celery Cabbage**—This Chinese introduction is really of great merit, growing somewhat like the Cos Lettuce. Boiled and seasoned with butter it makes a most delectable dish, and is also a splendid base for salads. Sow rather later than ordinary Cabbage—as too early sowings have a tendency to run to seed too quickly. 75 days. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

#### OUR LITTLE PRUNING BOOK

Clear and concise  
methods of pruning  
fruit trees, small  
fruits, trees, hedges,  
vines, roses, etc.  
Each, postpaid, 35c.

#### BOOKS ON HORTICULTURE

On page 143 we list  
a carefully selected  
list of the best books  
on horticulture and  
kindred subjects. The  
prices given include  
postage.

Gentlemen:—We have always had wonderful success with your seeds and shall always recommend them. We had flowers long after others were frozen last year. The plants seem hardier than those obtained from seeds purchased from other places.

MRS. T. V. L., Butte, Mont.

OUR NEW SWEET PEA COLLECTIONS WILL SURPRISE YOU



## CARROT

Ger.—Mochre.

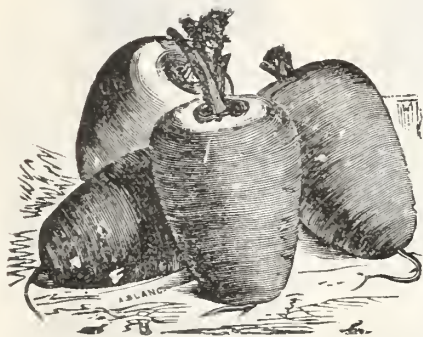
Scand.—Gulrod.

(One ounce to 100 feet of drill; 3 to 4 pounds to the acre.)

Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown on heavier soil with good results.

**Early French Foreing or Golden Ball**—This Carrot is one of quick growth, for it matures as quickly as a radish. It has a very fine neck and a rather hollow crown. We highly recommend it to all our customers who desire a small, early, delicious carrot that will mature early, but must be sown in rich soil. 50 days. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**Early Scarlet Horn**—May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 2 inches long; reddish orange and good flavor. May be grown either in frames or in the open ground. This Carrot is at its very best while young and should be used before it has attained its full growth. 55 days. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.



Carrot—Oxheart or Guerande

## Oxheart or Guerande

Medium early bright orange color, fine grained and sweet, one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations. 70 days. Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.25.

## Early Chantenay or Model

A most excellent, medium early, half long variety. It is one of the best and also a desirable field sort. The tops are medium

sized with small neck. The roots are thick, six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Variety is extensively used for bunching. 65 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**Danvers Half Long**—A standard variety and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length, 7 to 7½ inches. 75 days. Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.25.

**Improved Long Orange**—This is a variety of the largest size. The roots are uniform in size and form, smooth, and free from small rootlets, penetrating the soil very deeply. Of gradually tapering shape, holding their thickness well throughout the length; rich, deep orange coloring. It is a good keeper of fine quality for winter use. 80 days. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.35.

**Pride of Denmark**—A cross between the two well-known varieties, Nantes and Chantenay, this introduction unites the good qualities of both. **Pride of Denmark is an admirable carrot for storing and shipping, holding to a remarkable degree its fine flavor, tenderness and crispness.** The long obtuse, cylindrical roots are absolutely smooth, of a beautiful scarlet color and best of all, are practically coreless. As the carrots reach a good size (5 to 8 inches), your soil should be thoroughly prepared. Order early as this carrot has already won marks of distinction, and the seed is going to be much in demand this year. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$2.75.

**S. N. & S. Co's. New Red Cored Chantenay**—This New Carrot meets the requirements of the home garden and market gardener. Tops are shorter and the foliage finer than the regular Chantenay. Strong tops, making bunching easy. The outstanding features of this carrot are the smoothness of the roots, the excellent color of both the exterior and interior, the tenderness of the core and the very uniform and perfect stumping. The stock is very even and considerable earlier than the regular Chantenay. Excellent for slicing or for dicing in soups and salads. Roots tested for sugar averages 19 per cent sweeter than any other carrot. Pkt., 10c; oz., 25c; ¼ lb., \$1.00; lb., \$3.25.

## GROW MORE ROOT CROPS

There is a wealth of satisfaction in being able to go to your root-cellar or "pit" in the garden during the winter months and dig up vegetables that sell on the market at 10 to 25 cents for a bunch of five. Their liberal use is most essential to our physical welfare. And they are so easy to grow that they may play quite a part in reducing the cost of living in the household of anyone enjoying the advantages of a small garden.

Gentlemen:—We have always had wonderful success with our seeds and shall always recommend them. We had flowers long after others were frozen last year. The plants seem hardier than those obtained from seeds purchased from other places.

MRS. T. V. L.,  
1246 W. Silver, Butte, Mont.

Our Fruit Tree and Shelterbelt Collections will save you money

## CAULIFLOWER

(One ounce for 3,000 plants)

¼ ounce to 100 feet of drill. Two ounces to the acre.

**Culture**—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For spring crop, plant the seed in protected beds early in February and the plants will be ready to transplant probably early in April. The young plants should be thinned, since they become very spindly if allowed to grow too thick in seed bed. Plant in rows two feet apart—eighteen inches in the row.



Cauliflower—Early Snowball

**Early Snowball**—Is the best all-round Cauliflower on the market for early or late use, for the family or the market garden. It heads where others fail. Its close and compact habit of growth permits one-third more to be planted on the same space of ground than can be done with other varieties. 90 days. Pkt., 25c; ¼ oz., 85c; ½ oz., \$1.50; oz., \$2.80; ¼ lb., \$8.50.

**Dry Weather or Danish Giant**—Is more resistant to unfavorable season than other sorts, particularly in dry weather. 100 days. Pkt., 15c; ¼ oz., 85c; ½ oz., \$1.50; oz., \$2.80; ¼ lb., \$8.50.

**Extra Early Snowball or Danish Perfection**—This new strain introduced by one of the leading Cauliflower seed growers of Denmark, possesses all the good qualities of the best Early Snowball strains and in addition has shown an unusual uniformity in maturing, the crops being taken off clean at practically the first cutting. The leaves, very closely enfolding the head, give it a particularly attractive appearance when displayed for sale, and as the inner leaves almost cover the snowwhite flower the necessary early tying up as in the case of other early sorts is largely avoided. It is the earliest strain of its type and recommended for extra early marketing. 80 days. Pkt., 5c; ¼ oz., \$1.00; ½ oz., \$1.85; oz., \$3.50; ¼ lb., \$10.00.

CARROTS FOR STOCK  
The Two Best Varieties

**Victoria**—There can be only one best stock Carrot, and we think our Mastodon is that Carrot, yet there are many who prefer a yellow Carrot. We can say that there is no yellow Carrot which can approach the Victoria in size, in yield and in feeding qualities. It is the largest and best form of orange or yellow Carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but is especially adapted for rich, strong land. It grows nearly half as much weight again an acre as the ordinary varieties, and as the roots grow more above the ground it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. 90 days. Oz., 15c; ¼ lb., 30c; lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.25.

**Mastodon**—It is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts which have been favorites in the past, it is much more productive. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, is that they do not easily break in pulling. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 19 to 40 tons to the acre is not an extravagant statement as to yield. 90 days. Oz., 15c; ¼ lb., 30c; lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.25.

State Nursery & Seed Co.,  
Helena, Montana.

Columbia Falls, Mont.

Gentlemen:—

I had several entries in the Flathead County Fair this September and won first prize on table carrots, (runts) last of a crop raised from your "Early Chantenay" seed. They were so inferior to others I had sold I debated whether to send them or not. They were raised with little care and many weels on a very light sandy soil.

Yours truly,  
Harold Ridenour.



**CELERY**

Ger.—Sellerie.

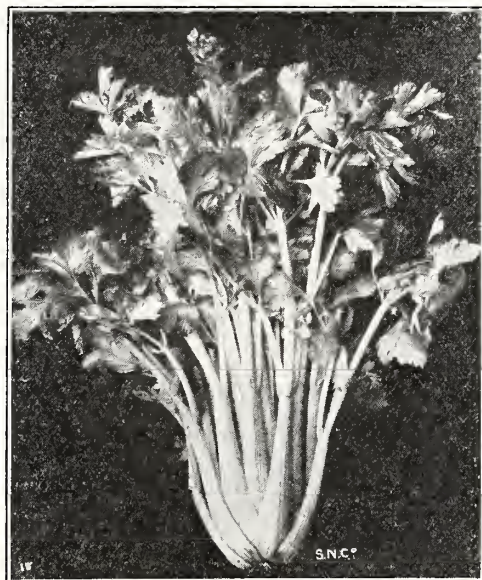
Scand.—Selleri.

(One ounce will produce 7,000 plants)

(¼ ounce to the 100 feet of row. Two ounces to Acre.)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed setting them 4 to 5 inches apart. When some 8 inches high, and the plants stocky, set them in trenches. Earth up a little during the summer, keeping the leaf stocks close together so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather.

Keep the seed bed moist to insure quick germination and vigorous growth.

**Celery—Golden Plume or Wonderful**

**Golden Plume or Wonderful**—This new variety is similar in many respects to Golden Yellow Self Blanching. It matures fully as early as that variety and in many localities has been found to be more resistant to attacks of blight and rust. The plants are semi-dwarf, stocky and vigorous growing with very full heart which bleaches quickly to a rich golden yellow color. Of very attractive appearance, superior quality and fine nutty flavor. Recommended as a very profitable variety for growers for either the home or distant markets and also a desirable sort for the home garden. Pkt., 25c; ½ oz., \$1.15; oz., \$2.00; ¼ lb., \$6.00.

**Golden Self Blanching**—A remarkable early sort, entirely self-blanching, with beautiful large golden yellow heart, crisp, solid and of a nutty flavor. 110 days. Pkt., 25c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50; lb., \$8.00.

**Easy Blanching**—The most valuable celery introduced in many years, with a remarkable natural tendency to blanch readily. Those who have never been successful in growing good celery can depend on this variety. Valuable both for early use and for its winter keeping qualities. Of very quick growth, thick stalks, very tender and brittle, and rich flavor. Its unusually long season for use appeal to the home gardener as well as the commercial grower. 115 days. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25; lb., \$4.50.

**Easy Blanching**

**Winter Queen**—Unsurpassed for Winter Use—Probably the most desirable winter keeping celery. It is short, stout, thick and heavy with double the amount of heart of any other celery, a habit of growth which give it truly remarkable value. The flavor is sweet, nutty and delicious, leaving nothing to be desired. It bunches up handsomely. The leaves are light green, and blanch to a cream white. Matures its crop in 140 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., 90c; lb., \$2.50.

**Celery Seed—For Flavoring**—Excellent to use for flavoring soups, pickles, etc. ¼ lb., 20c; lb., 60c.

**StimUplant**  
Makes a  
Wonder Garden

**Celery—White Plume**

**White Plume**—This magnificent celery is improving from year to year under high culture and careful selection. It is a truly beautiful type. Not only does the stem whiten, but the leaf itself, especially every inner leaf assumes the attractive white color. This makes the White Plume Celery one of the most showy ornaments that can be put upon the Thanksgiving or Christmas dinner table. As to succulence, crispness and quality, the Perfected White Plume is all that can be desired of a white celery. Fit to eat in 110 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

**To Succeed with Celery** you must keep your plants growing constantly while young, if you allow them to stand still they will run up to seed later. Always cultivate as soon after watering as the ground is dry enough to work well. Fertilize heavily in the Spring—and use nitrate of soda later if needed.

**CELERIAC****TURNIP ROOTED CELERY**

Ger.—Knoller Sellerie.

Scand.—Knopselleri.

**Giant Prague**—This vegetable is used for two purposes; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad. 125 days. Pkt., 5c; oz., 25c; ¼ lb., 80c; lb., \$2.50.

**CHERVIL**

(One ounce to 100 feet of row)

**CHERVIL—(Curled)**—An aromatic herb. The young leaves are used in soups and salads. Pkt., 5c; oz., 40c; ¼ lb., \$1.25.

**CHIVES—Schnittlauch**

(See also Vegetable Plants)

**Chives**—A vegetable of the Onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The chives are equal to the Onion for flavoring soups and salads. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.00.

**CORN SALAD**

Ger.—Feldsalat.

Scand.—Vaarsalat.

Two oz. to 100 feet of drill.

**Corn Salad**

**CORN SALAD—(Or Fetticus)**—A salad plant used as a substitute for Lettuce in salads or may be cooked like spinach for greens. It does well in the fall and spring. On rich soil the leaves renew rapidly after being cut. 55 days. Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.50.

**CRESS**

Ger.—Garten-Kresse.

Scand.—Karse.

**CRESS, OR PEPPER GRASS**—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition. 30 days. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c; lb., 85c.

**CRESS—(Water)**—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs. 45 days. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US



**StimUplant**  
Makes a  
Wonder Garden

# CORN---Sweet or Sugar

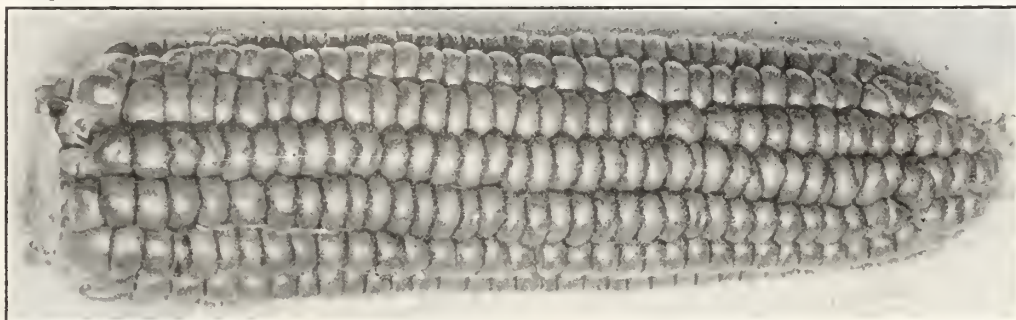
**StimUplant**  
Makes a  
Wonder Garden

1 lb. for 100 hills or 150 to 200 feet of drill. 15 lbs. to acre. 1 lb. is a little more than a pint—2 lbs. a little more than a quart.

Sweet Corn is very sensitive to frost and should not be planted until danger from freezing is past or about the middle of May in Montana. A rich, warm good ordinary soil will raise excellent Sweet Corn, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows three feet apart and 12 to 16 inches apart in the row; cover one inch deep with fine soil firmly pressed down. If planted in hills, make the hills three feet apart each way, and plant four to six kernels to the hill. Hoe frequently and when six inches high cut off all the suckers so as to leave three or four plants to the hill; do not let the plants overcrowd. Give frequent and thorough but shallow cultivation until the tassels appear. In cooking corn use boiling water, do not cover the vessel and do not cook more than ten minutes. "Use no salt"—A pinch of sugar will add to the natural sweetness.

(SEMESAN CONTROLS ROOT DISEASE—See Page 134)

## THE SEVEN BEST VARIETIES OF SWEET CORN FOR MONTANA



### EXTRA EARLY VARIETIES

**S. N. & S. Co's. Golden Glory**  
Earliest and Hardest Sweet  
Corn in the World.

**Golden Glory**—A Montana grown Sweet Corn of high merit, growth about 5½ feet, producing 2 or 3 ears to the stalk, and considerable larger than the average Golden Bantam. The illustration is a good average specimen of 12 row 8 inch ear. Sweet, creamy and tender, remaining in roasting ear stage a long time. With these qualifications and the knowledge that this wonderful corn can be grown to maturity wherever Golden Bantam has, we predict that it will be your first choice when making a selection of seed this season. In addition to its merits as a table Sweet Corn this variety is destined to be a popular variety on account of its extreme earliness which is ten days to two weeks earlier than the Golden Bantam.

Price, Pkt., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20.

**Early Golden Sunshine**—An outstanding new variety of yellow Sweet Corn, of exceptional merit. It was originated at the North Dakota Agricultural College. The ears are bigger than those of Golden Bantam are 16 rowed, and of deliciously rich flavor, light yellow in color. Sunshine is ready for use 6 to 10 days earlier than Bantam. The stalks are quite dwarf with the ears set only 2½ to 3 feet from the ground, usually 2 ears to the stalk. Those who tried it last year are highly enthusiastic, and say it is real Sweet Corn.

Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c.



S. N. & S. Co's. Golden Glory

**S. N. & S. Co's. Extra Early Market**—is the earliest and sweetest White Sweet Corn in cultivation. It is extremely hardy, withstanding cold, wet weather to a wonderful degree. Ears are large for so early a variety. Kernels pure white, sweet and tender. It is very productive for such an extra early sort, usually producing two to three ears to the stalk, we can highly recommend this variety for home use and as a market sort it is a money-maker, especially adapted for planting in the northern states. (See Cut). Pkt., 10c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 65c.

**Pop Corn, Japanese Hulless**—Also known as Tom Thumb, Australian Hulless. Japanese Hulless is a dwarf-growing variety, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. You will not be without it if you give it a trial this year. The best all-around variety. 140 days. Pkt., 5c; ½ lb., 20c; lb., 35c; 2 lbs., 60c.

### Early Sunshine

#### EARLY VARIETIES

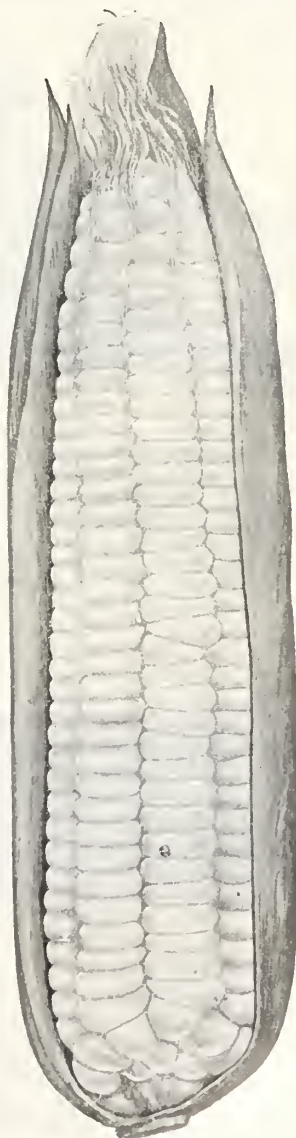
**Peep O'Day**—Five days earlier than the Golden Bantam. Peep O'Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the corn is exceedingly sweet and tender. 65 days. Pkt., 5c; ½ lb., 25c; lb., 35c; 2 lbs., 65c.

**Golden Bantam**—The well known variety people consider the richest and sweetest of all Corn. Some of our customers are now planting this corn at regular intervals during the season, so that they may have it for table use continually and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety. 70 days. Pkt., 5c; ½ lb., 25c; yb., 40c; 2 lbs., 75c.

#### SECOND EARLY VARIETIES

**Mammoth White Cory**—We consider this one of the best second early varieties for the market and home garden. The ears are very large for so early a variety. The stalks are about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety. They are twelve rowed, six to seven inches long, very symmetrical and handsome, seldom with opening between the rows at the base. The grain is large, broad, very white and of remarkable good quality for such an early sort. 90 days. Pkt., 5c; ½ lb., 25c; lb., 35c; 2 lbs., 60c.

**Black Mexican**—The sweetest of all sweet corn. When cooked becomes white, with bluish tinge near kernel base. Often remembered only as the black corn that was so very sweet. 75 days. Pkt., 5c; ½ lb., 25c; lb., 35c; 2 lbs., 60c.



S. N. & S. Co's. Extra Early Market

**NOTICE**—On Sweet Corn in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight, NOT PREPAID.

Don't forget your Mother on your birthday—"SAY IT WITH FLOWERS"

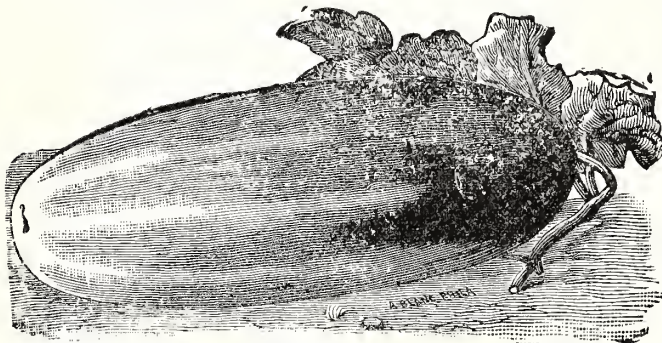
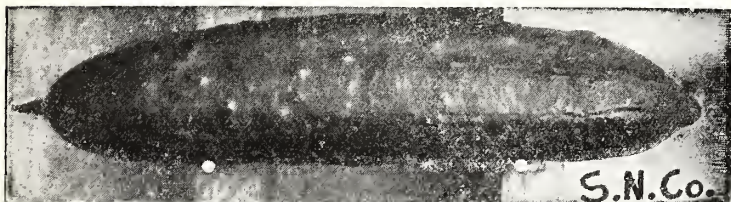


**CUCUMBER**

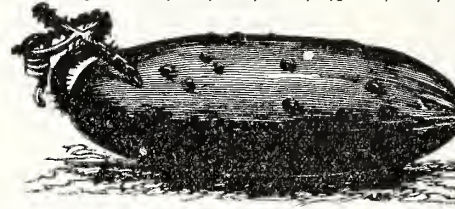
Ger.—Gurken.

Scand.—Hauk.

(One ounce will plant fifty hills; two lbs. to an acre.)

**Early White Spine**—Earliest of the White Spine varieties. Excellent for table use. 60 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.**Cucumber—Earliest of All****Earliest of All**—An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of its extreme earliness is a very desirable variety both for the home garden and those who grow for the market. 50 days. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$2.50.**Japanese Climbing**—A strong and vigorous grower, and while all cucumbers are running or creeping vines, this variety attains nearly twice the length of the ordinary sorts and can be grown on trellises, fences or poles. The fruits from ten to twelve inches in length, are of excellent quality either for slicing or pickling. 65 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.**Cucumber—Early Fortune****Early Fortune**—This distinct variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average 7½ to 8 inches in length and retain their color for a remarkably long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling it is equally as good, producing an enormous quantity of uniform well shaped pickles. The vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. 52 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.**Davis Perfect**—Long and slender, average length 10 to 12 inches. Color very dark green, of fine flavor, very tender and brittle. A choice variety for forcing under glass or for outside culture. 60 days. Pkt., 5c; oz., 25c; ¼ lb., 65c; lb., \$2.00.**Cucumber—Long Green****Improved Long Green**—Not quite so early as the above named sorts, but admitted to be the best general crop Cucumber for this climate; good color, crisp and tender. 70 days. Pkt., 5c; oz., 25c; ¼ lb., 65c; lb., \$1.75.**Lemon**—New and entirely different type of cucumber. Shaped and colored like a lemon with fine flavor. For slicing and salads they excel, having none of that bitter taste so often found in cucumbers. May be eaten green, but is at its best just as it is turning yellow. Makes excellent pickles. 55 days. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50.**Rollinson's Telegraph or English Frame**—For forcing. Long green Cucumbers of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 20 to 25 inches. Pkt., (10 seeds) 25c; 5 pkts., \$1.00.

It will pay you to get acquainted with our Seed and Plant Collections

**Pickling Varieties****Everbearing**—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. Invariably of perfect form even when small. 65 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.**Early Russian**—Bright green, crisp and tender flesh; excellent for table use or pickling. 55 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.**Cucumber—Extra Early Green Prolific or Boston Pickling****Extra Early Green Prolific or Boston Pickling**—The best pickling sort yet introduced. A very prolific variety used principally for pickles. Fruit medium sized, bright green, flesh firm and very crisp and tender. Gather the fruit when small and it will bear all summer. 65 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.**Early Frame or Short Green**—A very productive variety having fruits of good length and handsome form. Desirable for producing pickles for medium size. Fine quality when sliced for table. 55 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.**EGG PLANT**

(¼ oz. to 100 feet of row, ¼ lb. to acre.)

One oz. will produce 1,000 to 1,500 plants.

**Improved New York**—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines. 40 days. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.00.**Egg Plant—Improved New York****ENDIVE**

1 oz. to 100 feet of row. Four lbs. to acre.

Ger.—Endiven. Scand.—Endive.

**White Curled**—Leaves pale green; should be used when young. 35 days. Pkt., 5c; oz., 25c; ¼ lb., 45c; lb., \$1.25.**Endive—Green Curled****Green Curled**—For fall and largely used for winter use; also garnishing; crisp and curly; easily blanched. 40 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.**Broad Leaved Batavian or Escarole**—A very wide leaved variety. Leaves with straight edges, thick and fleshy of a dull green color. Quality excellent. 45 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.**GOURDS**  
See Page 89  
**GROUND CHERRY**  
See Tomato Page 102**GARLIC**

Ger.—Knoblauch.

Scand.—Hoidloeg.

(1 lb. to 50 feet of drill. 200 lbs. to acre)

**GARLIC**—The Garlic is the most pungent of all the onion family. Plant in the spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light rich soil, cultivate same as onions. Lb., 35c; 5 lbs., \$1.60.**Garlic**

Write for price on larger quantities.



## GOURD

## Both Useful and Ornamental

A tribe of climbers with curiously shaped and colored fruit, being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

**Hercules Club**—Distinctly club-shaped, the longest of all varieties. Pkt., 10c; oz., 25c.

**Japanese Nest Egg**—Used as nest eggs; fruits are white, do not crack, and are not injured by heat or cold. Pkt., 10c; oz., 25c.

**Sugar Trough**—Has durable thick shell, and is often used for dishes and other household utensils. Pkt., 10c; oz., 25c.

**Dipper or Siphon**—Greatly used for dippers, fruits long and bottle shaped, with straight or slightly crooked neck. Pkt., 10c; oz., 25c.

**Gourds—Mixed**—Pkt., 5c; oz., 25c.



Kohl Rabi  
White Vienna

## KCHL RABI

$\frac{1}{4}$  oz. to 100 feet of row, 4 lbs. to acre.

Ger.—Kohl Rabi. Scand.—Kaarlrabi.

**White Vienna**—Turnip rooted; small, white, very tender and delicious when young. 50 days. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$2.50.

**Purple Vienna**—An early variety with a bright purple bulb. The leaves and stems being green and tinged with purple. 70 days. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$2.50.



Leek—American Flag

## LEEK

Ger.—Lauch.

Scand.—Purre.

$\frac{1}{2}$  oz. to 100 feet of drill,  
4 lbs. to acre.

**American Flag**—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost. 80 days. Pkt., 5c; oz., 30c.  $\frac{1}{4}$  lb., 90c; lb., \$2.50.

Ger.—Gartensalat.

$\frac{1}{4}$  oz. to 100 feet of drill. 3 lbs. to the acre.

Every garden should grow lettuce. Dieticians advise eating some **raw, green vegetable daily**—salad of cabbage, endive, celery, lettuce, etc.—because of their content of iron or other mineral salts and especially for the essential vitamins—all of which are largely lost in cooking.

Among such vegetables, **LETTUCE** takes a high rank. Lettuce is the best of all salad crops, and a very appetizing and healthful food, especially during the warmer months. To have lettuce at its best, it must be fresh and unwilted. It is so easy to grow and requires such a small space in the garden, that every family should have a plentiful supply throughout the season.

**LOOSE LEAF** seed, sown in rich soil in cold frame in March, can be cut (just above the center bud) in 45 to 60 days and will grow new leaves or can be moved to the open ground later at 8 to 12 inches in the row.

Varieties which **HEAD** should be started early and pricked out in the frame to get room and good root system. As soon as the ground is mellow, set in the open and encourage rapid growth by liberal feeding (nitrate of soda) and cultivation. Sow common sorts for a succession.

## Heading Varieties



Lettuce—May King



## KALE or BORECOLE

$\frac{1}{4}$  oz. to 100 feet of row. 2 lbs. to the acre.

**Dwarf Curled Scotch**—Kale makes excellent greens for fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy. 55 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25.

**Tall Green Curled Scotch**—Always a favorite. 60 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25.

## HERBS

**HERBS**—(Sweet, Pot and Medicinal)—The seeds should be sown in spring in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottle, or closely packed in dry boxes, with the air entirely excluded. Those prefixed by an \* are perennials.

	Pkt.	Oz.		Pkt.	Oz.
Anise .....	.05	.30	*Horehound .....	.05	.50
*Balm .....	.05	.40	*Lavender .....	.05	.70
Basil .....	.05	.40	*Rue .....	.05	.50
Borage .....	.05	.35	Rosemary .....	.05	.50
Caraway .....	.05	.25	*Sage .....	.05	.40
Coriander .....	.05	.30	Sweet Marjoram .....	.05	.50
*Catnip .....	.05	.60	*Summer Savoy .....	.05	.40
Dill .....	.05	.20	*Thyme .....	.05	.60
*Fennel .....	.05	.30	*Wormwood .....	.05	.30

## LETTUCE

Scand.—Salat.

**May King**—A few years ago it was hardly known in America, now it is found in the gardens of nearly every up-to-date grower. It simply forced its way to the front on its sterling merits. It grows very quickly even in the cold weather of early spring. The habit is very compact and close; in fact the plant is about all head. Outer leaves light green, inner leaves bright yellow and of a fine, rich, buttery flavor. Heads weigh from 12 to 16 oz., and are so solid that they carry to market in perfect condition. 50 days. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$1.75.

**Improved Hanson**—A well known, highly approved lettuce. Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. The outside ones are very tender and deliciously sweet, and all are beautifully crinkled and curled. For mid-summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat. 50 days. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$1.75.



Lettuce—Improved Hanson

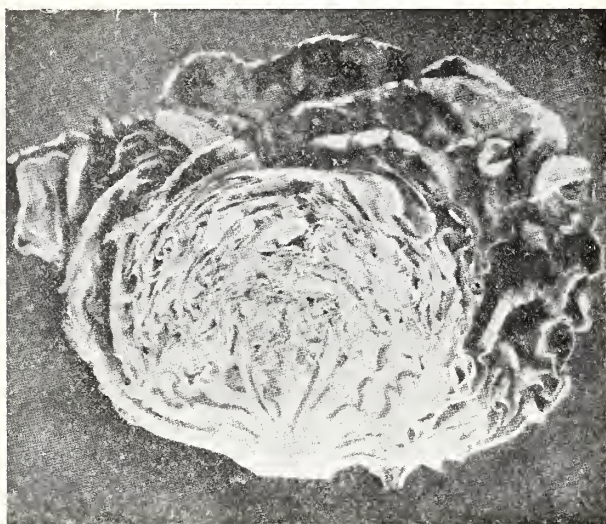


Ger.—Gartensalat.

## LETTUCE

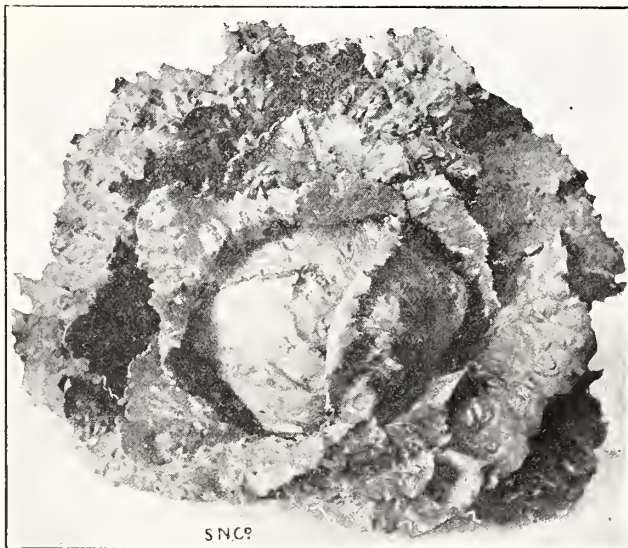
Scand.—Salat.

## Heading Varieties



Lettuce—Creamy Heart

**Creamy Heart**—Is a new and splendid addition to the lettuce family. It is very similar to the California Cream Butter and was selected on account of its being without brown spots or edges; nice large heads and of a rich golden yellow inside and leaves are very bright green; an excellent variety for late spring and early summer crop; easy to grow and a good shipping variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.



Lettuce—New York

**New York Head**—Also called "Los Angeles" and "Wonderful"—A popular variety for summer planting. The best heat resister. The immense heads are solid and frequently weigh 2 to 3 lbs. each. Beautifully blanching to a creamy white with dark green outer leaves, quality unsurpassed, being tender, crisp and sweet. New York is a hardy, rapid grower, deep rooted and resistant to drought; a slow seeder and sure to head. Matures in 65 days. Does remarkably well in all sections. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.25.

**Salamander or Black Seeded Tennisball**—The most popular variety for withstanding the hot weather. The golden yellow heart is protected by crumpled outer leaves of medium green color and forming a close sure head; very solid, of medium size and excellent quality. 85 days. Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.50.

If you are fond of greens nothing will suit you better than Swiss Chard. Try some in your garden this season.

**StimUplant**  
Makes a  
Wonder Garden

## SEMESAN

Place a little Semesan with seeds in a jar and shake vigorously; bacteria and fungus spores adhering to the seeds will be killed.

2 ozs. \$0.50 | Lb. \$2.75 | 5 lbs. \$13.00

## Heading Varieties



Lettuce—Big Boston

**Big Boston**—The well known and popular hothouse variety of New England needs to be quickly grown to be of good flavor. Light green cabbage variety, slightly tinged with brown on the head. Forms a compact buttery head. 50 days. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

**California Cream Butter or Royal Cabbage**—A very popular variety for autumn and winter use. Forms a very large head, which is very buttery, and rich golden-yellow inside. The leaves are thick and of bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety. 50 days. Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.50.

**Iceberg**—It is a very crisp variety, and withstands the heat remarkably well and very slow to shoot to seed. The head is extremely hard and well blanching, the leaves very completely and tightly overlapping each other. The color is light green, excepting for the faint brown tinge along the extreme border. Forms a large compact crumpled head, very white inside. The quality is good, crisp and firm, very sweet. 75 days. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.25.

## Loose Leaved Varieties



Lettuce—Grand Rapids

**Grand Rapids**—A popular variety for general planting and will make a quick growth under adverse conditions. Its upright habit permits close planting. 40 days. Pkt., 5c; oz., 25c; ¼ lb., 65c; lb., \$1.75.

**Early Curled Simpson or Silesia (White Seeded)**—A very extensively used early loose leaved variety. The leaves are light green in color, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young. Does not wilt easily. 40 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.

**Early Prize Head**—This lettuce forms a large, tender, crisp, loose head of bright green crimped leaves tinged with brownish red, of superior flavor, long remaining sweet and slow to run to seed. 50 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.

**Paris White Cos—Trianon, or White Paris Self-Blanching**—Distinct variety of upright growth; leaves should be tied together near top when they will blanch to a beautiful creamy-white; crisp and delicious as celery stalks, and eaten in the same manner. 65 days. Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.50.



## MUSKMELONS

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

**Culture**—A rich, deep sandy loam, well worked and highly manured with old rotten compost is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and after they are out of danger from bugs thin to 3 to 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

## Green Fleshed Varieties

**Extra Early Hackensack**—Fruit attains a good size, weighing four to six pounds each. The melons are round, heavily ribbed; skin is light green, of delicious flavor, rich and sugary. It is also a luxuriant, healthy grower, and exceedingly productive. The earliest of all large netted melons. 70 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

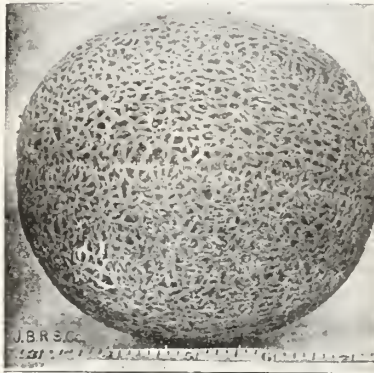


Muskmelon—Honey Dew

**Honey Dew**—The sweetest melon of all. Average size, 6 inches in diameter and 7 to 8 inches long. The skin is smooth and the rind though thin is very tough, of creamy yellow color when ripe. The flesh is very thick, of a bright emerald green, very fine grained, of very sweet sugary flavor, and can be eaten to the rind. Seed cavity very small. 125 days. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.50.

## Rockyford or Netted Gem

—Is a valuable introduction, and has attained in an incredibly short time a national reputation. It is of the Emerald Gem Type, oval in shape, averaging from four and one-half to five inches in length, of a delicious flavor; very fine and smooth grained flesh of a light green color throughout when ripe. 80 days. Pkt., 5c; oz., 25c. ¼ lb., 50c; lb., \$1.25.

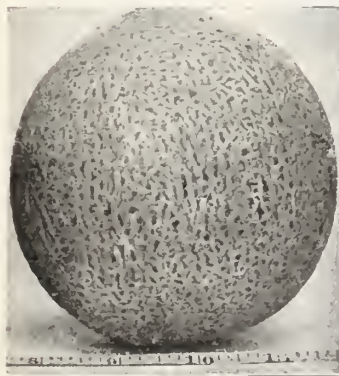


Rockyford

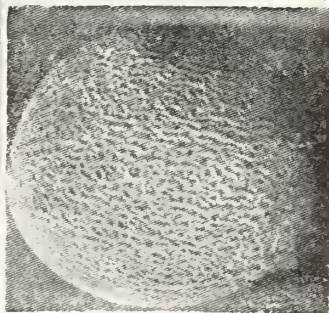
**Extra Early Citron or Early Green Nutmeg**—A small round or slightly flattened melon, valuable as an early market sort on account of its extreme earliness, hardiness and great productiveness.

The skin is green, becoming yellowish at maturity. The flesh is light green, very thick and of delicious flavor. 65 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.

## Salmon Tinted Varieties



Edwards Perfecto



Gold Lined Rockyford

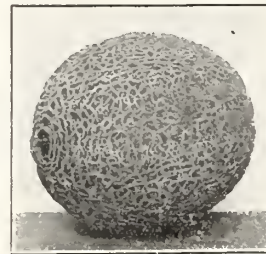
**Edwards Perfecto**—A new variety developed from Eden Gem and the best of the Rockyford Class. Fruit very uniform in size, nearly round and densely covered with a hard gray netting; flesh very thick and of a beautiful salmon color, shading into green as it nears the rind. Perfecto has the deepest flesh, smallest seed cells and more salmon-colored flesh than any other type of Rockyford melons. Recommended for its hardiness, prolificness, deep flesh and excellent eating and shipping qualities. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**Gold Lined Rockyford**—This new variety is one of the largest of the Rockyford type, and the seed we offer is extra choice. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect. 70 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.

## Orange or Yellow Fleshed Varieties

**Emerald Gem**—This has long been acknowledged the most delicious in flavor. It is one of the earliest to ripen. It is unequaled for home use or nearby markets. Very prolific. If fruits are gathered as soon as they ripen, the vines will continue in bearing throughout the season. The melons are slightly flattened at the stem and blossom ends. The skin is smooth and free from netting. The fruits are heavily ribbed. Flesh very thick, small seed cavity. 85 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

## Salmon Fleshed Varieties

Hale's Best  
(The Earliest Maturing  
of all Muskmelons)

**Hale's Best, Extra Early**—This new variety is a melon of decided merit that will fill a long-felt want in long distance shipping because of its extreme earliness. Checking the several tests on this melon, the average period required is 68 days, and some of the tests were made in sections where the season was remarkable for its coldness. It is a salmon flesh melon of exceptional thickness. The shape is oval. Average size is 8x4½ inches with very heavy netting with fairly prominent ribs. There is no question but what it will be a very valuable market garden variety as it leads the list in earliness. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

**Barling's Montana**—Ideal in size for family use, oval shape, flesh salmon-pink, thick fleshed, with small seed cavity; originated in Montana and matures with the earliest. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.



Barling's Montana

USE ACME BAIT-M FOR  
ALL SOIL PESTS  
SEE INSECTICIDES



Muskmelon—Osage or Miller's Cream

**Osage or Miller's Cream**—A favorite salmon flesh variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet, flavored, most delicious to the rind. The fruit is extra heavy, owing to the thickness of the flesh. A great favorite for both market purposes and the home garden. 80 days. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

## MUSKMELON COLLECTION

This Collection contains one packet each  
Hale's Best, Barling's Montana,  
Edward's Perfecto  
Value 30c, postpaid for 25c.

Of all Vegetable Fruits, the melons are the most delicious.  
Be sure to plant some melons in your garden.

**Forcing Growth**—Nitrate of Soda is a very strong stimulant for young growing plants. Vegetables grown for their leaves and stems, like lettuce, cabbage, celery, etc., can be improved by a light application of two of Nitrate of Soda in the early growing period. Nitrate of Soda is readily soluble. Use one ounce to three gallons or one pound to fifty gallons of water. Apply this in small amounts some little distance from the plant. Repeat in from twenty to thirty days.

DON'T OVERLOOK OUR WONDERFUL IRIS, PEONY and DAHLIA COLLECTIONS



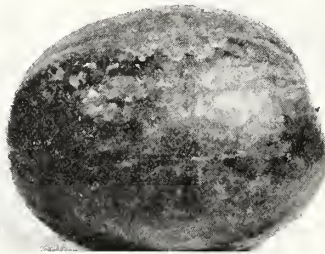
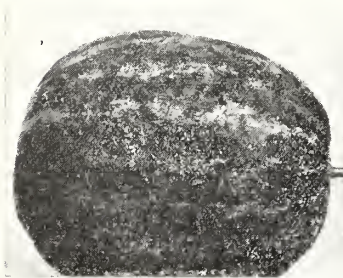
**WATERMELONS****Ger.—Wassermelone.****Scand.—Vandmelon.**

One oz. for 30 hills, 4 to 5 lbs. to an acre.

The hills should be dug about 2 feet square, 8 inches deep and half filled with well-rotted manure which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. While the watermelon is, generally speaking, a southern product, yet the cultivation of same is not confined to the south. Some of the sweetest and best melons we have seen were produced in the latitude of 45 degrees north; consequently, while the watermelon is a tropical fruit, yet our northern friends can grow them successfully.

**Watermelon—Cole's Early**

**Fordhook Early**—This is still without a rival as the earliest large-fruited melon in cultivation. Fruits are of good size, rather short and blocky in form. Skin dark green, occasionally with faint stripes of lighter green. Rind quite thin, but skin tough, making an excellent shipping variety. Flesh bright red, crisp, sweet, and of splendid quality; really one of the finest flavored melons in cultivation today. White seed. 85 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.10.

**Fordhook Early****Water Melon****Harris Earliest**

they are true. Moreover, the Harris will out-yield any other early melon. 70 days. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$1.50.

**Water Melon—Phinney's Early**

**Cole's Early**—This is a fine variety for the family and market and is particularly adapted, on account of its earliness, to northern latitudes. For early marketing there is no superior. The bright red flesh is cool, crisp and produced in generous numbers. The heart is surprisingly large in proportion to size of melon. 80 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.10.

**StimUplant**  
Makes a  
Wonder Garden

**Harris Earliest**—Owing to its extreme earliness, and adaptability, it is extensively grown in the northern states where it is the undisputed favorite. We have known this melon to mature in latitudes as far north as Canada, and in places where watermelons never grew before. The Harris is the earliest watermelon on the market; the sweetest early melon, the largest early melon for the home garden. These are sweeping statements, but they are true.

**Phinney's Early**—One of the finest of all the early maturing melons of medium size and oblong shape, marked with two shades of green. The rind is thin. The red flesh is very sweet and tender. The vine is productive and a sure cropper. Adapted to all sections, and does exceptionally well in the Northern States. 80 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**WHY BUGS LEAVE HOME**

Prepare for Cabbage Worms by purchasing Slug Shot or Garden Guard with your seed. See insecticides. Dust as soon as you see white moths hovering over Cabbage.

**Kleckley Sweet or Monte Cristo**

**Kleckley Sweet or Monte Cristo**—This is a very popular watermelon; no doubt it is more universally grown than any other sort. Dark green skin, thin rind; flesh bright scarlet, solid, very sweet and crisp; not a good shipper for long distance. The fruits are oblong and uniform in size. Average weight, 25 lbs. 190 days. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

**Stone Mountain**

duces an abundant crop. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

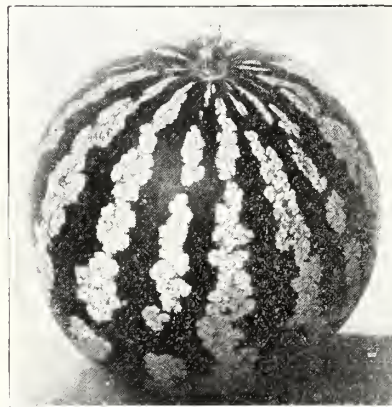
**Stone Mountain** — This melon is comparatively new, medium dark green, round and of excellent quality. The flesh is a uniform beautiful deep crimson, very solid with fewer seeds than most watermelons. It is rapidly gaining a well-deserved popularity. The rind is tough enough to stand handling for nearby markets, but will not stand long-distance shipping. We have found this somewhat earlier than other large varieties. It produces an abundant crop.

**CITRON****FOR PRESERVES**

**CITRON—Red Seeded**—Fruit round and smooth. Is not eaten raw, but is useful for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid. 100 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**CITRON—Green Seeded**—Same as above with green seeds. 100 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**StimUplant**  
Makes a  
Wonder Garden

**Citron****MUSTARD**

¼ oz. to 100 feet of row. Two to three lbs. to the acre.

**White**—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hotbed, will be ready to cut in a few days; sow frequently for a succession of crops. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

**Giant Southern Curled**—Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous, and highly recommended. 35 days. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

**MUSHROOM SPAWN**

Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is almost any building or cellar, some manure, loam, and last and above all, good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States. One brick to ten square feet.

Leaflet—"How to Grow Mushrooms", free for asking.

**LAMBERT'S Mushroom Spawn**—Per brick 40c, 5 bricks, \$1.75, postpaid. By express or freight per brick, 35c; 10 bricks, \$3.00; 25 bricks, \$6.75.



**Stimugerm** stays good for years. Buy it with your seed and have it ready to use. See Plant Foods, Etc.



**StimUplant**  
Makes a  
Wonder Garden

# ONION SEED

**StimUplant**  
Makes a  
Wonder Garden

**Ger.—Zwiebel.**

(One ounce for 200 feet of drill; 4 to 5 pounds in drills per acre.)

**Scand.—Roedloeg.**

The best onions are grown on low, sandy, or mucky lands, with natural moisture and plenty of it. Sow the seed in March in hotbeds or in shallow boxes in the house, transplanting to the open ground in May or as soon as the ground is warm and in good condition. Follow this method for an early and successful crop.

The crop must be kept free from weeds, and it is usually necessary to weed out in the row by hand once or twice. Hoeing between the rows may be done oftener. It is not necessary to thin the plants in the row, since some thinning is naturally done during the hand weeding.

Steady, even growth is necessary to good onions and a check in growth, whether from disease or drought causes them to run to seed badly.

Different markets and localities prefer different onions. Globe onions are generally most popular and yield better than the other sorts. Flat onions are earliest and the large sized kinds have the best flavor. All seed is tested as to vitality.

## White Varieties

**Southport White Globe**—A very desirable variety which yields an abundant crop of fine large onions. Pure white color, mild flavor and equally good for keeping as the Yellow Globe. It is an enormous yielder and always sells at high prices. It is best to dry these onions in a shady place and give plenty of air. 120 days. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.



Onion—White Portugal or Silver Skin

**White Portugal or Silver Skin**—The best known and most largely used white onion. Is flat on the bottom and thick toward the top, very hard and firm and an excellent keeper. 110 days. Pkt., 5c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

**White Portugal or Silver Skin (Montana Grown)**—Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

**White Pickling**—For early bunching, pickling, etc. Small, hard, round; keeps well; does not turn green when exposed to sun. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

**Mammoth Silver King**—An early large white, flat variety. Is not a keeping sort nor a good shipping variety, but is valuable for home use and nearby markets. Very mild and fine flavor. 125 days. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

## Red Varieties

**Large Red Wethersfield**—Is one of the standard red varieties, and a favorite onion, and an immense cropper. Though well flattened, the solid onions are thick through. The outer skin is a deep, rich purplish red, smooth and glossy; flesh white, lightly tinged with pinkish rose. The magnificent large, solid onions are nearly as mild in flavor as many varieties with skin of lighter coloring. Its splendid keeping qualities make it easy to hold crops for late winter markets in the Northwest. 120 days. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

**Mountain Red Globe**—Is grown by the same man who has grown the Mountain Danvers for us. He is located just over the divide, at a very high altitude, where the seasons are short and where an ordinary strain of Southport Red Globe will not mature, and where an onion has to hustle if it matures and makes a good sized bulb. A red Onion is preferred to a yellow one by many and for this reason the Mountain Danvers did not suit everybody, so if a red is your choice, here is your Onion. It has a good globe shape, is dark red, ripens evenly, has a small neck, is free from scallions, and keeps well and it ships well. It is a good mate for Mountain Danvers,



Onion—Mountain Red Globe

which means that it is a mighty fine onion. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

**CARCO**—Will protect your onion crop against the ravages of the root maggot and other garden pests. See Insecticides.

**Extra Early Red Flat**—An extra early red onion, which yields abundantly, keeps well and is of mild flavor. The bulbs are of medium size and rich red in color, very close grained, solid and heavy. This variety will form bulbs in cold, mucky soils where others frequently fail to ripen. Plant this where the seasons are short and cool. Marketable onions in 100 days. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

## Brown Skinned

**Australian Brown**—An early and very hardy variety which does especially well in Montana. This variety possesses remarkable keeping qualities. These onions have been kept in perfect condition the year around. They are of medium size, somewhat flattened, and of a light reddish brown color. The flesh is always crisp, mild, soft and juicy. They mature very early. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

## Yellow Varieties

**Yellow Globe Danvers**—This onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large, with thin necks, ripening down well. The skin is a fine brown orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe, and its earliness makes it valuable for market. 120 days. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; lb., \$3.00.



Onion—Mountain Danvers

**Mountain Danvers (Yellow)**—The great trouble in growing onions in the high altitudes of the mountain regions of the Northwest is to get an Onion that will mature properly. One that will ripen up hard and solid without any thick neck. The irrigated country in Colorado, Idaho, Utah, Montana, can grow the finest crops of onions on earth, if they can get the right varieties. What they want is an Onion of good size, good bright color, a good keeper and above all, very early. The Mountain Danvers fills the bill and no matter where you are located if you want an early and a good keeping Onion, answering the above description, send your order along. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

**Prizetaker or Mammoth Yellow Spanish**—Large Yellow Globe Onion. Excellent keeper of finest flavor, handsome shape and enormous size, many single onions have been raised to weigh five pounds and over from seeds the last year. It is of the same type as those immense imported onions which can be seen in stores and always command a very high price. 130 days. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; lb., \$3.00.

**Ailsa Craig**—The largest onion grown. It is a good keeper and is much liked and recommended on account of its acceptable delicate and pungent flavor. The skin is an attractive straw color. To secure the largest onions, seed should be sown in hot beds in the early spring and transplanted later to the open ground. 135 days. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

Onions from our seed will bring tears to your eyes, but their quality will make you smile



# ONION SETS

One lb. to 75 feet of drill, 300 lbs. to the acre

## The Importance of Using Northern Grown Onion Sets

The planting of Onion Sets is increasing rapidly year after year. The Bottom Onion Sets produce onions ready for market six weeks earlier than can be had by sowing the seed. This enables the grower to sell his entire crop earlier in the season, at which time the prices usually are higher. It also permits the sowing of another crop on the land the same year. Bottom Sets are about as big as the end of your finger and when set out in spring they come quickly and make nice green onions for bunching, or if left to stand will make big onions as from seed but much earlier. We can furnish them in the yellow, brown or white. Yellow are generally the best. Multiplier sets are also good.

### Size of Onion Sets

It is very important that you get onion sets of the right size. If just a little too large they will run to seed right away instead of making a good onion. The rule is to sell every set below 1½ inches in diameter, but in that case there is sure to be some too large that will go to seed. Therefore we use none above ¾ inch. Please write for quotations on larger quantities.

ONION SETS: Postpaid Prices Only		Lb.	5lbs.	10lbs.
White Bottom	.....	.35	1.65	3.20
Brown Bottom	.....	.35	1.60	3.10
Yellow Bottom	.....	.30	1.40	2.70
Yellow Multiplier	.....	.40	1.85	3.50

ONION SETS: By Express or Freight Only		Lb.	5lbs.	10lbs.
White Bottom	.....	.30	1.40	2.70
Brown Bottom	.....	.30	1.35	2.60
Yellow Bottom	.....	.25	1.20	2.30
Yellow Multiplier	.....	.35	1.50	2.80

**NOTICE**—These prices on Onion Sets apply when wanted by express or freight only, at purchaser's expense.

## OKRA or GUMBO

One oz. to 100 feet of drill. 8 lbs. to the acre

The long tender pods of Okra are very delicious when sliced and cooked in soups. While this is the chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

**Dwarf Green**—An early dwarf prolific variety with thick, green pods. 65 days. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

**White Velvet**—Very tender pods, long, smooth and white. 60 days. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

## PARSLEY

Ger.—Petersillie.

Scand.—Persillie.

(One ounce for 150 feet of drill)



Parsley—Moss Curled

this when well grown; it is hardy and slow to run to seed; every gardener's favorite. 65 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.

**Extra Double Curled**—In shape of leaf, color and taste this new variety is perfect. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had. 60 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.

**Hamburg or Turnip Rooted**—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like carrots for winter use. 100 days. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, it should be sown quite early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

**Moss Curled**—There is no more attractive variety than

## CARCO

VEGETABLE  
SPRAY  
CONTROLS  
THE CABBAGE,  
TURNIP, BEET,  
CAULIFLOWER,  
RADISH AND  
ONION  
MAGGOT

See Page 130

## SEMESAN

TREATED SEEDS  
PRODUCE  
MORE AND  
FINER  
VEGETABLES

See Page 129

## DO YOU KNOW?

By Al Williams

Nationally Known Conditioner  
of Men

That carrots are good in cases of asthma and nervousness?

That cabbage is good in building enamel of teeth and nails?

That asparagus is good for cleansing lungs and kidneys?

That apples promote sound and restful sleep and are good for hot and bilious constitutions?

That celery is excellent for brain fog, neuralgia and rheumatism?

That black currants form one of the most useful fever beverages and are also good for coughs, colds, sore mouth and throat?

That peas are good for hypochondria? (Melancholy).

That grapes are particularly good in building blood and curing kidney complaints?

That radishes are excellent in treating gall stones?

That watercress is a powerful blood cleanser?

That rhubarb is a fine tonic and an eliminator?

That regular exercise with lots of correct breathing will clear your blood—and so clean your body and your brain?

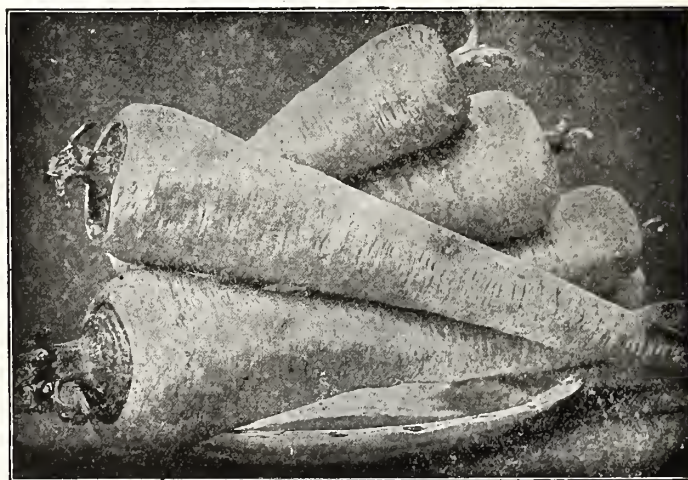
## PARSNIP

Ger.—Pastinake.

Scand.—Pastinak.

(One ounce for 200 feet of drill, 5 to 6 lbs. in drills per acre)

Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground till spring to be dug up as required.



Parsnip—Hollow Crown or Guernsey

**Hollow Crown or Guernsey**—An excellent variety for the table. The roots are long with long white skin, uniform in shape tender and of the best quality. The variety is easily distinguished by leaves growing from the depression on top of crown or root. 85 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., 95c.

**Long White or White Dutch Sugar**—This variety of parsnip is very hardy and will keep well through the winter without protection. The roots are long, white, smooth, tender and of most excellent flavor. Much used for the table and suitable also for stock feeding. 100 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., 95c.

FOR POTATO SEED—SEE FIELD SEED SECTION



INOCULATE THIS  
SEED WITH  
**STIMUGERM**

Ger.—Erbsen.

# PEAS

Scand.—Dan-Nor.

INOCULATE THIS  
SEED WITH  
**STIMUGERM**

(1 lb. to 100 feet of drill: 80 to 100 lbs. to the acre.)

Peas are quite hardy, and for early crop sow as soon as the ground can be worked. Then sow in succession every two weeks until the first of August. They require moderately rich soil but not excessively rich or wet, or they will run too much to vine and will not bear heavily. The varieties can be planted in rows 12 to 18 inches apart, and the tall varieties 3 ft. apart. The tall varieties should be staked by brush or tied up. By using the various classes of peas and making several sowings of each, good peas can be had for a long season. The pods should be kept picked, the plants will then continue to bear longer. For late sowing, use Early Dwarf varieties.

## Extra Early Round Seeded Varieties



ALASKA PEAS

**VOLCK**  
**WILL KILL**  
**MEALY BUG,**  
**WHITE FLIES,**  
**RED SPIDER,**  
**RUST MITES**  
**ETC.**  
**SEE**  
**INSECTICIDES**

**Alaska or Earliest of All**—The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners and market gardeners. Very uniform in ripening and an excellent yielder. Height 24 to 30 inches. 45 days. Pkt., 5c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 65c.

## Extra Early Dwarf Wrinkled Varieties



AMERICAN WONDER PEAS

**ACME BAIT-M**  
**PREVENTS AND**  
**REPELS**  
**CUT WORMS,**  
**SNAILS, SLUGS,**  
**GRASSHOPPERS,**  
**AND OTHER**  
**INSECTS**  
**SEE**  
**INSECTICIDES**

**Fertilize the Sweet**  
**Corn ground if you**  
**want high sugar con-**  
**tent.**

**In cutting corn for**  
**the table it is impor-**  
**tant that it be picked**  
**at just the right time.**

**American Wonder**—In the dwarf compact growing extra earlies the American Wonder is an excellent pea, can be grown in rows 18 inches to two feet apart. They are quite prolific; the crop can be gathered in 2 or 3 pickings and the soil cleared for succeeding crops. 9 to 12 inches high. 55 days. Pkt., 5c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 65c.

On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

## Extra Early Wrinkled Varieties—(Continued)



Peas—Little Marvel

**Little Marvel**—A first early Pea of the finest quality, and highly recommended. The vines of dwarf even growth average 18 inches high, and are heavily set with fine pods, usually in pairs. The pods average 3½ inches in length, are square at the bottom, and are well filled with quite large, deep green peas. The Peas are ready for picking fully as early as American Wonder but the pods are larger and the vines bear a much heavier crop. All who desire a fine crop of an early, choice variety of Peas will be delighted with Little Marvel. 60 days. Pkt., 5c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 65c.

**Little Gem**—Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to three inches long, only five days after the American wonder. The Peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains for use longer than the American Wonder and is thought by many to be sweeter. 60 days. Pkt., 5c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 65c.

### LAXTON'S PROGRESS

In this wonderful new pea we have the best yet in the Laxtonian type. The plant is of dwarf habit, growing about 18 inches in height, with dark green foliage and pods, and is exceedingly productive for a dwarf variety. The handsome, large pods are four inches in length, broad and pointed and contain 8 to 9 very sweet wrinkled peas. A most desirable sort for the home garden and is rapidly winning favor. 60 days. Pkt., 5c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c.

**StimUplant**  
**Makes a**  
**Wonder Garden**



Peas—Laxton's Progress

## LENTILS

**Lentils—Montana Grown**—Growth and habit similar to the Pea is in great demand for cooking purposes, makes excellent soup. 1 lb., 25c.

**Acme Bait-M prevents and repels cut worms, snails, slugs, grasshoppers and other insects. (See Insecticides).**

LET FLOWERS BRING THE BREATH OF SPRING TO YOUR HOME



INOCULATE THIS  
SEED WITH  
**STIMUGERM**

Ger.—Erbesen.

# PEAS

Scand.—Dan.—Nor.

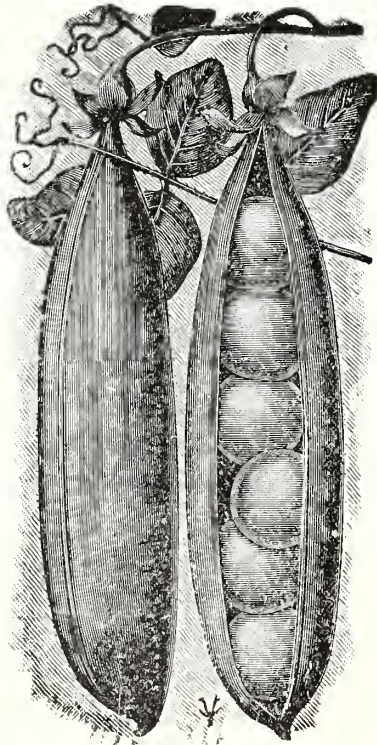
INOCULATE THIS  
SEED WITH  
**STIMUGERM**

## Early Wrinkled Varieties

**Carter's Daisy or Early Dwarf Telephone**—Dwarf, large podded, needs no brush. The striking features of the Daisy pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty, require no support, making it an ideal variety for use where brush or stakes are not available. This pea is desirable on account of the fine appearance of the pods, and always finds a ready sale. 65 days. Pkt., 5c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c.

### Gradus or Prosperity

The most popular high quality extra early, wrinkled pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small round extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color measuring 4 in. with luscious peas, 8 to 9 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A grand pea in all respects. 60 days. Pkt., 5c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c.



### Peas—Gradus or Prosperity

**Laxtonian**—A very fine dwarf early Pea. The largest podded of the early dwarf wrinkled varieties. Has no superior for either quality or productiveness. Ready to use within a very few days of the very earliest types. Similar to Gradus in shape. Vines grow to an average height of about eighteen inches. The pods four inches or more long, slightly curved, with a sharp curve at the end, contain eight to ten wrinkled luscious peas of finest flavor. Almost double the size of any other early dwarf wrinkled pea. Ready for the table in about 65 days. One of the few peas to receive the Award of Merit. Pods grow near the top, making them easy to pick. One of the largest yielding varieties. Vines are vigorous, foliage dark green, which enables it to resist the extreme conditions to which Peas are subjected in many sections of the United States. A good pea for the market grower or from the home garden. A pea of real merit. 65 days. Pkt., 5c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c.

**Melting Sugar**—(edible pods). We consider this the best of the edible-podded sorts, in which the pods are used when half grown and are cooked in the same way as snap beans. The pods of Melting Sugar are very large, four to five and a half inches long, broad, often curved or twisted, and when young, stringless, very tender and finely flavored. The variety we offer, sometimes called Mammoth Melting Sugar, is very prolific, strong growing, about four or five feet high, with large, light colored foliage. 85 days. Pkt., 10c; ½ lb., 30c; 1 lb., 55c; 2 lbs., \$1.00.



Laxtonian

tender and finely flavored. The variety we offer, sometimes called Mammoth Melting Sugar, is very prolific, strong growing, about four or five feet high, with large, light colored foliage. 85 days. Pkt., 10c; ½ lb., 30c; 1 lb., 55c; 2 lbs., \$1.00.

## Main Crop Varieties

**Roosevelt** — This splendid pea is of the same podded type as the Telephone but the pods are larger and the peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words a pint of Roosevelt pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a pea which will give better quality and larger quantity is the pea to plant; that pea is the Roosevelt. A very popular variety. Height, 4 feet. 65 days. Pkt., 5c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c.



J.B.R.S.Co.

### Peas—Roosevelt

**Telephone**—Tall—Medium late. This fine pea has proved a valuable acquisition, vines vigorous, growing about four feet high and producing an abundance of large pods and filled with immense peas, which are tender, sweet and of excellent flavor. It has sterling merit, which gardeners appreciate. 75 days. Pkt., 5c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 65c.

**Dwarf Champion**—A desirable main crop sort for the market or home garden. The vines are of a medium height, about two and one-half feet, stout, vigorous and hardy, and are unusually productive. The pods are large, often four inches long, broad, quite straight, deep green in color, handsome and very well filled with large peas which are tender and unsurpassed in quality. Seed large, light green, wrinkled. Dwarf Champion is similar to Champion of England in pods only; the vine is shorter and more sturdy. Pkt., 5c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 65c.

**Large White Marrowfat**—The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, surface somewhat roughened, light colored and well filled. Seed large, smooth, round and light creamy yellow. It is desirable for summer use but is not as sweet and tender as most sorts, although undoubtedly one of the most productive of the garden varieties. Grow this variety for your supply of dried Peas for winter use. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c.

### PLANT A GARDEN

#### Eat More Vegetables

Vegetables are the natural source of vitamins. Vegetables contain more of this life force than any other food. Vegetable food is pure food. Vegetables are healthful. Grow more vegetables. Eat more vegetables.

On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

Our Fruit Tree and Shelterbelt Collections will save you money



## FIELD SEEDS

## CLOVERS, GRASSES, SEED GRAINS, ETC.

THE PRICES QUOTED REPRESENT VALUE ON THE DATE OF ISSUE (January, 1931). AS THE SEASON ADVANCES, PRICES MAY FLUCTUATE SOMEWHAT. WHERE A CHANGE IN SEED VALUES TAKES PLACE, IF HIGHER, ORDERS WILL BE FILLED TO THE FULL VALUE OF REMITTANCE RECEIVED. IF LOWER, BALANCE OVER REMITTED WILL BE RETURNED. TRANSPORTATION CHARGES ARE PAID BY THE CUSTOMER EXCEPT ON ITEMS MARKED POSTPAID. IF WANTED BY PARCEL POST, ADD POSTAGE.

(Prices Subject to Change Without Notice.)

All Quotations are F. O. B. Helena

## CATALOG—PAGE 103

Lawn Grass, Kentucky Blue Grass, White Clover, Creeping Bent, Golf Links Mixture. WRITE FOR PRICES in Larger Quantities

## CATALOG—PAGE 104

View of Warehouse and Seeding Table

## CATALOG—Page 105

PEDIGREED MONTANA ALFALFA in Sealed Bags

	5lb.	10lb.	25lb.	100lb.
Grimm, Reg., Extra No. 1	\$2.70	\$4.60	\$11.00	\$42.00
“ “ No. 1	2.50	4.10	10.00	37.00
Cossack, Extra No. 1	2.80	4.70	11.25	43.00
“ Reg., No. 1	2.60	4.20	10.25	38.00

	1lb.	10lbs.	100lbs.
Grimm, Affidavit	\$ .40	\$3.50	\$32.00
Cossack, Affidavit	.40	3.50	32.00

## CATALOG—PAGE 106

## ALFALFA

Hardy Montana, “Peerless” Extra No. 1	\$ .40	\$3.50	\$29.00
Hardy Montana, “Placer” No. 1	.35	3.25	27.00
Hardy Montana, “Quartz” No. 2	.30	3.00	24.00

## CATALOG—PAGE 107

## CLOVER

Sweet White, “Peerless”	\$ .25	\$1.80	\$13.50
Sweet White, “Placer”	.20	1.70	12.50
Sweet White, “Quartz”	.18	1.50	10.50
Sweet Yellow, “Peerless”	.24	1.75	13.00
Sweet Yellow, “Placer”	.19	1.65	12.00
Sweet Yellow, “Quartz”	.17	1.45	10.00
Sweet White Arctic or Grundy Co.	.30	2.00	14.00
Medium Red, “Peerless”	.40	3.25	26.00
Medium Red, “Placer”	.35	3.10	24.50
Mammoth Red, “Peerless”	.40	3.75	28.50
Alsike, “Peerless”	.40	3.90	34.00
Alsike, “Placer”	.40	3.75	31.00

## CATALOG—PAGE 108

Clover Altaswede (New Hardy)	\$ .40	\$3.40	\$27.00
White Dutch, “Peerless”	.60	5.40	54.00
White Dutch, “Placer”	.55	4.75	46.00
BLUE GRASS (Kentucky) Super.	.55	4.50	43.00
“ “ “Peerless” 23 lb. seed	.50	4.50	42.00
“ “ “Placer” 19 lb. seed	.45	4.00	40.00
MEADOW FESCUE—Eng. Blue Gr.	.25	2.25	17.00
TALL FESCUE	.50	4.25	30.00

## CATALOG—PAGE 109

	1lb.	10lbs.	100lbs.
RED TOP			
“Peerless”	\$.40	\$3.75	\$32.00
“Placer”	.38	3.50	30.00
PERENNIAL RYE GRASS Domestic	.20	1.75	20.00
BROME GRASS	.30	2.80	24.75
TALL MEADOW OAT GRASS	.40	3.75	32.00
SLENDER WHEAT GRASS or Western Rye Grass	.22	1.80	13.00

## CATALOG—PAGE 110

## TIMOTHY

“Peerless”	\$.25	\$1.95	\$16.25
“Placer”	.25	1.85	16.00
Timothy and Alsike 20% Mixed	.30	2.20	17.50
ORCHARD GRASS	.40	3.50	29.00
SUDAN GRASS	.20	1.75	11.25
CRESTED WHEAT GRASS	.50	4.50	39.00

## CATALOG—PAGE 111

MEADOW MIXTURE “Huntley”	\$.40	\$3.50	\$28.50
MEADOW MIXTURE “Peerless”	.35	3.25	26.50

## PEAS—FIELD

White Marrowfat	.10	.80	4.50
Mixed			

## VETCH

Spring	.20	1.60	9.00
Winter or Hairy	.30	2.20	16.00

## CATALOG—PAGE 112

## MILLET

White Wonder	\$.15	\$1.10	\$7.25
Golden or German	.15	1.15	7.50
Hungarian	.15	1.15	7.50
Siberian or Kursk	.15	1.00	6.30
Early Fortune	.10	.90	4.50
Hog or Broom Corn	.15	1.00	5.00
Japanese	.15	1.10	7.25

## FIELD BEANS

Great Northern Navy	.20	1.60	9.00
Mexican Red or Chili	.20	1.60	8.50
Small White Navy	.20	1.60	8.75

## SOY BEANS

Wisconsin Early Black	.20	1.50	8.25
Manchu	.15	1.25	6.00
SORGHUM—Minnesota Amber Cane	.15	1.10	6.25
SORGHUM—Southern Amber Cane	.15	1.10	6.00
FETERITA	.15	1.10	6.00
KAFFIR CORN—White Seeded	.15	1.10	5.75
BUCKWHEAT—Silver Hull	.15	1.10	6.00
BUCKWHEAT—Japanese	.15	1.10	6.25



## FIELD SEEDS—Continued

## CATALOG—PAGE 113

	1lb.	10lbs.	100lbs.
FLAX—Montana Russian, bu., \$2.75 \$	.15	\$1.00	\$ 4.75
RESERVE, bu., \$3.00.....	.15	1.00	5.25
SUNFLOWER—Mammoth Russian..	.15	1.25	10.50
RAPE—Dwarf Essex—For Stock.....	.20	1.75	11.75

## CATALOG—PAGE 114

GRAINS	100 lbs.	1000 lbs.
Registered Horn Barley.....	\$2.50	\$24.00
Registered Trebi Barley.....	2.50	24.00
Registered Victory Oats.....	3.00	29.00
	Bu.	10 Bu.
Registered 10B Marquis Wheat .....	\$2.00	\$19.00
Registered Supreme Wheat—write for price		

## CATALOG—PAGE 115

SPRING WHEAT	Bu.	10bu.
Supreme .....	\$1.60	\$15.00
Marquis .....	1.60	15.00
Federation .....	1.60	15.00
Dicklow Club Type.....	1.50	14.00

## WINTER WHEAT

Turkey Red.....	} Write For Prices.
Karmont.....	
New Turk, Beardless.....	

	100lbs.	1000lbs.
Standard Oats, President.....	\$2.00	\$19.00
Standard Oats, Victory.....	2.00	19.00
Standard Oats, Swedish Select.....	2.00	19.00
Standard Oats, Montana White.....	2.00	19.00
Standard Oat, Corriente, New Large.....	4.80	.....

## CATALOG—PAGE 116

RYE	100lbs.	1000lbs.
Spring Prolific.....	\$3.25	\$31.50
Spring, Fancy Recleaned.....	3.00	29.00
Fall Amber.....	2.50	24.00
Fall Rosen.....		
Speltz, or Emmer.....	2.40	23.00

## CATALOG—PAGE 116

BARLEY	100lbs.	1000lbs.
White Hulless (Beardless).....	\$3.00	\$29.00
Blue Beardless and Hulless "Faust".....	2.50	24.00
Six Row Trebi (Bearded).....	2.30	22.50
Horn, Dry Land, Two Row.....	2.30	22.50
Six Row Common (Bearded).....		
Hannchen (Two Row).....	2.30	22.50

## CATALOG—PAGE 117

FIELD CORN—Montana Grown	1lb.	10lbs.	Bu.
Northwestern Dent, Ger. 90.....	\$ .20	\$1.50	\$3.75
Rustler White Dent (Pioneer) Ger. 90	.20	1.50	3.75
Minnesota No. 13, Ger. 90.....	.20	1.50	3.75
Brown County Yellow Dent, Ger. 90	.20	1.50	3.75
Falconer Yellow Dent, Ger. 90.....	.20	1.50	3.75
Minnesota No. 23, Ger. 90.....	.20	1.50	3.75
Squaw or Rainbow Flint, Ger. 90.....	.20	1.50	3.75
North Dakota White Flint, Ger. 90	.20	1.50	3.75
Gehu Yellow Flint, Ger. 90.....	.20	1.50	3.75
Fodder Tall Growing Triumph			
Flint Yellow, Ger. 90.....	.20	1.40	3.25
Pop Corn "Jap. Hulless" 100 lbs. \$9.50	20	1.60	.....

## CATALOG—PAGE 118

SEED POTATOES—Treat all plantings with Semesan Bel—  
The Instantaneous Dip

	25lbs.	50lbs.	100lbs.
Early Ohio, Standard .....	\$ .85	\$1.50	\$2.75
Triumph "Bliss" Standard .....	.90	1.60	3.00
Netted Gem, Standard .....	.80	1.40	2.50
Leggerini's Early Italian, Standard...	.90	1.60	3.00
Irish Cobbler, Standard .....	.90	1.55	2.85
SEED POTATOES—"Certified" Stocks			
Early Ohio, Certified .....	\$1.10	\$2.00	\$3.75
Early Bliss Triumph, Certified.....	1.20	2.20	4.00
Early Irish Cobbler, Certified .....	1.10	2.00	3.75
Netted Gem, Certified .....	1.00	1.75	3.25

Write for Special Prices on Larger Lots

# VIGORO

A SWIFT & COMPANY PRODUCT  
Complete Plant Food

Endorsed by leading landscape gardeners and nurserymen

VIGORO is sold EVERYWHERE. 100 lbs., \$6.00; 50 lbs., \$3.75; 25 lbs., \$2.00 bags. 5-lb. package, 60c. Clean, odorless—easy to use—Can be sown by hand like grass seed.

As Prices Change Frequently, Please Write for Latest Price List When Ready to Purchase

ADD POSTAGE FOR PARCEL POST SHIPMENTS



USE THIS SHEET FOR SEEDS, BULBS AND SUPPLIES

# STATE NURSERY & SEED CO., Helena, Montana

NURSEYMEN—SEEDSMEN—FLORISTS

MANUFACTURERS OF POULTRY AND DAIRY FOODS

Date ..... 193..... Amount Enclosed \$.....

NAME .....

(Use Name of Head of Family. Write Very Plainly)

STREET AND NO..... { R. F. D. ....

POST OFFICE ..... { Box .....

Freight or  
Express Station ..... STATE .....

IS THERE A FREIGHT AGENT AT YOUR STATION? { YES OR NO .....

(If Not, Send Sufficient Money to Prepay Charges)

SHIP BY—MARK X AFTER METHOD  
OF SHIPMENT DESIRED—PARCEL POST ☐ EXPRESS ☐ FREIGHT ☐

If out of variety ordered, have we your permission to substitute equal or better?.....

In case price has declined or advanced, shall we fill order for amount allowed?.....

ZONE ORDER NUMBER

--	--

Do Not Write in These Spaces

1931
------

STATE NURSERY & SEED CO., do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money paid for them will be promptly refunded.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
1						
2						
3						
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6						
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18						
19						
IF YOU HAVE ANYTHING TO WRITE UP WITH THIS ORDER, PLEASE USE A SEPARATE SHEET.				Total—or Carried Forward		

IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM, THEY WILL BE MAILED FREE.



NOTICE—KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.

✓		Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
If you have changed your address since last ordering, please give old address below.					Total Brought Forward		
20							
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41							
42							
<b>TOTAL</b>							

PARCEL POST RATES within the United States	First pound or fraction	Each additional pound or fraction
RATE TO CANADA, 14c PER POUND OR FRACTION THEREOF.		
First Zone within 50 miles of Helena.....	7c	1c
Second Zone within 150 miles of Helena.....	7c	1c
Third Zone within 150 to 300 miles.....	8c	2c
Fourth Zone within 300 to 600 miles.....	8c	4c
Fifth Zone within 600 to 1000 miles.....	9c	6c
Sixth Zone within 1000 to 1400 miles.....	10c	8c
Seventh Zone within 1400 to 1800 miles.....	12c	10c
Eighth Zone all over 1800 miles.....	13c	12c

IF YOU HAVE CHANGED YOUR ADDRESS, IT IS IMPORTANT  
THAT YOU FILL IN THE FOLLOWING. My Old Address was

POST OFFICE .....

R. F. D. No..... BOX NO..... STATE.....

**SPECIAL NOTICE**—If you will kindly send us the names of your friends and those of farmers or ranchers of your acquaintance with your order, we will be glad to place them on our mailing lists.

**PLEASE DO NOT USE SPACE BELOW**

FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE FR. EXP. ADV.



USE THIS SHEET FOR TREES, PLANTS AND NURSERY STOCK ONLY

STATE NURSERY & SEED CO., Helena, Montana

NURSEYMEN—SEEDSMEN—FLORISTS

MANUFACTURERS OF POULTRY AND DAIRY FOODS

Date.....193..... Amount Enclosed \$.....

NAME .....  
(Use Name of Head of Family. Write Very Plainly)

STREET AND NO.....  
POST OFFICE .....  
Freight or Express Station ..... STATE .....

IS THERE A FREIGHT AGENT AT YOUR STATION? } YES OR NO .....  
(If Not, Send Sufficient Money to Prepay Charges)

SHIP BY—MARK X AFTER METHOD OF SHIPMENT DESIRED—☐ PARCEL POST ☐ EXPRESS ☐ FREIGHT ☐

If out of variety ordered, have we your permission to substitute equal or better?.....

In case price has declined or advanced, shall we fill order for amount allowed?.....

ZONE ORDER NUMBER

--	--

Do Not Write in These Spaces

1931
------

STATE NURSERY & SEED CO., do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money paid for them will be promptly refunded.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
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19						
IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE USE A SEPARATE SHEET.					Total—or Carried Forward	

IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM, THEY WILL BE MAILED FREE.



NOTICE—KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
If you have changed your address since last ordering, please give old address below.				Total Brought Forward		
20						
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42						
<b>TOTAL</b>						

PARCEL POST RATES within the United States		First pound or fraction	Each additional pound or fraction
RATE TO CANADA, 14c PER POUND OR FRACTION THEREOF.			
First Zone within 50 miles of Helena.....	7c	1c	
Second Zone within 150 miles of Helena.....	7c	1c	
Third Zone within 150 to 300 miles.....	8c	2c	
Fourth Zone within 300 to 600 miles.....	8c	4c	
Fifth Zone within 600 to 1000 miles.....	9c	6c	
Sixth Zone within 1000 to 1400 miles.....	10c	8c	
Seventh Zone within 1400 to 1800 miles.....	12c	10c	
Eighth Zone all over 1800 miles.....	13c	12c	

**IF YOU HAVE CHANGED YOUR ADDRESS, IT IS IMPORTANT THAT YOU FILL IN THE FOLLOWING. My Old Address was**

**POST OFFICE** .....

R. F. D. No..... BOX NO..... STATE.....

**SPECIAL NOTICE**—If you will kindly send us the names of your friends and those of farmers or ranchers of your acquaintance with your order, we will be glad to place them on our mailing lists.

**PLEASE DO NOT USE SPACE BELOW**

FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE FR. EXP. ADV.



## PEPPERS

Ger.—Pfeffer.

Scand.—Spanskpebr.

One ounce will produce 1000 to 1200 plants

Peppers are growing in popularity among cooking experts for seasoning pickles, sauces and various dishes. Plant seed  $\frac{1}{4}$  inch deep in a hot bed, cold frame or box in the house, set in rows about  $1\frac{1}{4}$  feet apart each way in the garden, about corn planting time. Hen manure is an excellent fertilizer and will greatly increase the yield.



Pepper—Large Bell or Bull Nose

**Large Bell or Bull Nose**—Flesh thick, hard and less pungent than most other varieties, excellent quality for use in salads or for stuffed peppers. Sometimes three to four inches in length. 140 days. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.

**Harris' Earliest**—The earliest pepper in cultivation and therefore splendidly adapted for the north. As it matures before danger of frost, of dwarf, compact growth; about 18 inches tall, bearing a wonderful crop of scarlet fruits of good marketable size;  $3\frac{1}{2}$  inches long and  $2\frac{1}{2}$  inches thick. The flesh is thick, sweet and always mild; matures in 125 days. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c;  $\frac{1}{4}$  lb., \$1.80.

**Cayenne Long Red**—Pods are small cone shaped and red, hot and pungent, used for pickling. 130 days. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 55c;  $\frac{1}{4}$  lb., \$1.75.

**Pimiento—The Mildest Flavored of all Peppers**—It is extensively grown for pimientoes, pickles and pulp, maturing in 135 days. Its productiveness makes it a desirable sort for market gardeners as it yields heavy crops until cut off by frost. Its smooth, thick flesh and uniform shape makes it an excellent shipper. Should be planted in every garden where a delicious sweet flavored pepper is wanted both for salad and for stuffing. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

## "TOPEPO"—The World's Newest Vegetable

The Topepo is of excellent flavor combining the delicious qualities of the pepper and the tomato. Topepo is a cross between the Stone Tomato and the Large Bell Pepper.

Its gorgeous colorings of vivid red, deeper than the tomato, or golden yellow, striped with dark green makes a very handsome table decoration. In flavor the Topepo resembles the Bell Pepper but it is sweeter, not so peppery and has the zest of the tomato flavor.

It is from four to five inches in diameter. In shape it resembles the Bell Pepper. The plants grow in a spreading bushy form like the tomato. The foliage is a deep rich green, is smooth and shiny, like the pepper, though the pepper for stuffing and baking, because of its beautiful color and of its firm thick walls which do not break down when baked. It is also used for slicing in salads, for flavoring soups and gravies, or dressings, and for stuffing. It can be combined with any vegetable in making original dishes. A very important feature of the Topepo is its keeping quality. You will find the Topepo a fine addition to your menu if you have a home garden. Full directions on every package. Pkt., 25c; 5 pkts., \$1.00.



## OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each 35c, postpaid.

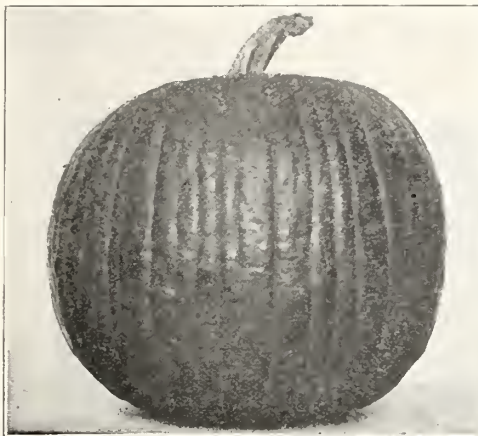
## PUMPKINS

Ger.—Melonen—Kuabis.

Scand.—Graesker.

(One ounce for 25 hills—three lbs. to the acre)

**Culture**—The common practice is to drop two or three seeds in every third or fourth hill in the corn field, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.



Pumpkin—Early Small Sugar or Pie

**Early Small Sugar or Pie**—is so well known as the best pie pumpkin. It requires little description. The fruit is small to medium size with solid fine grained flesh, and such a sweet sugary delicious flavor they all call for "more"; the seed cavity is small. 70 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, post-paid.

**Japanese Pie—A Large, Dark Green Crookneck Sort**—A high quality pumpkin of Japanese origin. The flesh is very thick, of a rich salmon color, fine grained, dry and sweet. Of medium size, early, very productive and a good keeper. Highly desirable for pies. Ripens in 70 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25.



Pumpkin—Large Cheese or Kentucky Field

**Large Cheese or Kentucky Field**—A large round flattened pumpkin with broad ribs, the skin is of rich cream color, flesh yellow, tender and of excellent quality. Extra fine quality for family and market use, fine for pies and rich food for stock. 90 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., \$1.00.

**"Jumbo" or "King of Mammoth"**—Fruits grow to enormous size. Salmon-orange skin; very thick bright yellow flesh, which is fine grained and of excellent quality for pies. 90 days. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$1.50.



Pumpkin—Connecticut Field

**Winter Queen or Winter Luxury**—Medium size, nearly round, skin a beautiful deep orange-yellow, finely netted. Very productive, sweet, tender, and an excellent keeper. 80 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25.

**Connecticut Field—The Best Yellow Field Sort**—Also known as Big Tom. A large round or slightly oval shape pumpkin. Skin reddish orange color, with rich orange yellow flesh. Extensively grown for stock feeding, and generally planted with corn, producing enormous crops in 90 days. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., 85c.



## RADISH

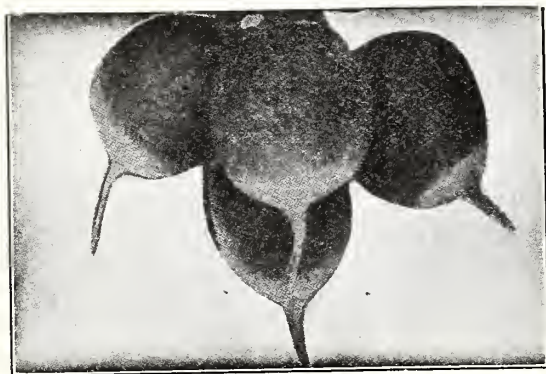
Ger.—Radies.

Scand.—Reddik.

(One ounce will sow 100 feet of drill, 8 to 10 lbs. to the acre)

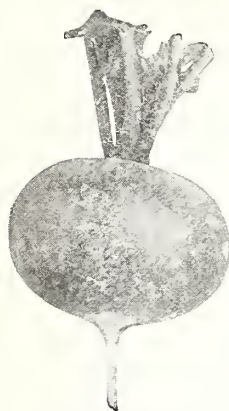
Being a root crop, good brittle Radishes require light, well worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent planting will insure a constant supply for the table. Thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all spring and well into summer. Winter varieties, however, require some time to mature, the seed of these should be planted in June to July.

## Early Round Varieties



Radish—Early Searlet Turnip White Tipped

**Early Searlet Turnip White Tipped**—A splendid early Radish very attractive appearance; its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor. 25 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.



Crimson Giant Globe

**Extra Early Sava**—The earliest of all radishes and slow to run to seed. We recommend it for the first planting in the garden, and also for forcing in hot bed and green house. Round, bright scarlet, with the smallest possible tops. Exceptionally crisp and tender and of fine flavor. 20 days. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.25.

**Early Searlet Turnip**—A well-known radish for early home and market use. Matures quickly, crisp and of good flavor. 25 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.

**Crimson Giant Globe**—A variety extraordinary in that while growing to an unusually large size, is always tender and of mild flavor. It remains in perfect condition, a remarkably long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter. 32 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.

**Early White Turnip**—A very quick-growing, small turnip-shaped variety. Color, clear white; very mild flavor. 35 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.



Radish—Early Searlet Globe

**Early Searlet Globe**—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. 25 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**To Prevent Worms in Your Radishes**  
Use Carco—See Page 131, Insecticides

VOLCK

DESTROYS ALL

GARDEN PESTS

SEE

INSECTICIDES



Radish—French Breakfast

**French Breakfast or Half Long**—Medium size, olive-shaped Radish, small top, scarlet except at the tip, which is white; a splendid table variety for either forcing or outdoor culture. Makes rapid growth. A great favorite. 30 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

## Summer Radishes—Long Varieties

Grow larger than early varieties and remain in good condition longer.



Radish—Icicle

**Long White Vienna or Lady Finger**—An extra-fine garden radish. Both skin and flesh are pure white; the flavor is quite mild, and the roots seldom become pithy, remaining in good condition for a considerable length of time. 30 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**White Icicle**—The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners. 30 days. Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.25.

**White Strasburg**—In our opinion there is no better Radish grown; the roots are white and grow to a large size, four or five inches long, for sweetness, tenderness and flavor, it is unequalled. Keeps crisp and tender for a very long time. 40 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.



Radish—White Strasburg

**Long Scarlet Short Top**—This bright scarlet short topped sort is about 5 inches long, growing half out of the ground; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market. 35 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.

**Cincinnati Market or Long Brightest Scarlet**—An early variety, splendid for forcing or open ground. The tops are small and they stand close in the row, straight and smooth—clear bright red in color—flesh very tender. 35 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.

## Winter Varieties

**Make your first planting the middle of June, a second the middle of July.** Sow thinly in rows not less than 15 inches apart between the rows, and thin out to stand 6 inches apart in the row, firm, and well-drained soil is essential. Apply water during dry weather. Winter Radishes are easily stored for winter use in any frost-proof cellar in damp sand.

**China Rose**—One of the best fall and winter varieties, firm, white flesh. 60 days. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

**Mammoth White China or Celestial**—Flesh solid and brittle; pure white; flavor mild or slightly pungent. A splendid keeper for use in winter; very showy. 70 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.

**Long Black Spanish**—The latest and hardiest of all the winter Radishes; roots black, long, large and good keeper, pull before severe frost and store in damp sand in root house. 70 days. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

**Round Black Spanish**—A round form of above. 60 days. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

**Sakurajima or Mammoth Japan**—This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender and round. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

**Nerima or Mikado**—A wonderful product of the Orient, with snow-white flesh, very tender and under good conditions growing from two to three feet in length. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US



**RHUBARB**

Ger.—Rhababer.

(One ounce to 125 feet of drill, 1 lb. to acre).

Scand.—Rhababer.

**Rhubarb—Victoria**

**Victoria**—A variety from Holland with extra large, dark red stalks with plenty of juice. Becoming the most popular variety. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.00; lb., \$2.00.

Seed should be sown early in the spring in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the rhubarb may be used. Do not cut rhubarb, pull it so that it comes out whole from the crown.

For forcing, take up some of the larger roots and plant them in a dark corner of the cellar. It pays to cultivate Rhubarb frequently, even after the cutting season is over, and to top-dress with manure in late summer or fall at least every other year.

**SALSIFY OR OYSTER PLANT**

Ger.—Hafer-Wurzel.

Scand.—Havverod.

(One ounce will sow 100 feet of drill, 8 lbs. to the acre.)

**Culture**—Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug before commencing their growth.

**Mammoth Sandwich Island**—We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners. 90 days. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

**Salsify****SPINACH**

Ger.—Spinat.

Scand.—Spinat.

(One ounce for 100 feet of drill; 10 to 12 pounds in drills for one acre.)

The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frosts; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.

**NEW GUINEA BUTTER BEAN****New Guinea Butter Bean****One of the Most Delicious of All Vegetables**

We are offering planters another vegetable of real worth and merit. Nearly every one who has tried it speaks of it very highly. The New Guinea Butter Bean is a member of the edible gourd family and in growth is similar to the squash, and can be grown in the same manner or can be trellised up. It is wonderfully prolific, considerably more productive than squash and much easier to grow. The vines are always free from disease and insect pests, and really stand more neglect and abuse than any other vegetable vine we know of.

The fruits of the New Guinea Butter Bean grow to an enormous size, often 3 to 5 feet in length, but should be eaten when small, while the fuzzy growth is yet on. They can be cooked like Squash, fried like Egg Plant, pickled like Cucumbers, or cut up in small pieces and cooked with cream. When cooked with cream or fried it is most delicious, and if you would like to try something new this season, you will find that this vegetable is a most desirable addition to your garden.

The New Guinea Butter Bean is so productive that three plants will supply any ordinary family. If trellised up, the vines take up so little space, no garden is so small but that room can be found somewhere for at least two or three plants. One of our customers who tried it writes us that he cut 75 fruits from one vine, and that each fruit was from 2½ to 3 feet long. Pkt., 10c; ½ oz., 35c; oz., 60c.

**Seeds for Flavoring, Medical and other Purposes**

	Postpaid	¼ lb.	lb.
Celery—For Flavoring and soup (not for sowing).....	.20	.60	
Dill—For flavoring .....	.15	.50	
Pumpkin—(For medical purposes).....	.25	.75	
Water Melon (For medical purposes).....	.15	.40	
Musk Melon—(For fancy work).....	.15	.40	

**Flower and Vegetable Seed Collections**  
 See Page 76

Look over our Various Seed Collections before mailing your Order

**Spinach—Round Thick Leaved**

**Round Thick Leaved**—This variety grows quickly, forming a cluster of slightly wrinkled leaves of deep green color and good quality. The leaves are broad arrow-shaped but sometimes rounded. This is an extensively used medium early sort for the market and home garden. 45 days. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 65c.

**Long Standing**—The best variety for family use, as it remains in good condition longer without running to seed than the round leaved sorts. Thick. Well flavored leaves. 45 days. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 65c.

**Bloomsdale Savoy Leaved**—One of the best of the savoy leaved type, with thick heavily curled leaves. Very succulent and tender. 40 days. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 65c.

**Prickly Winter**—One of the hardest varieties with medium sized broad leaves. Very tender. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 65c.

**King of Denmark**—Stands two weeks longer than any other sort. This remarkable new spinach is far superior to any of the above sorts. Its principal advantage is that it stands two weeks longer before running to seed than any other variety. The leaves are large, rounded. Savoy or crumpled of deep green color. Ready to cut in 48 days. Pkt., 5c; oz., 20c; ¼ lb., 35c; lb., 75c.

**New Zealand—(The Hot Weather Spinach)**—The stems and leaves of this variety are soft, thick, fleshy and crystalline in appearance. Started early in the spring, the plants will resist heat and make strong growth during the summer. 55 days. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.00.



**SQUASH**

Ger.—Kurbiss.

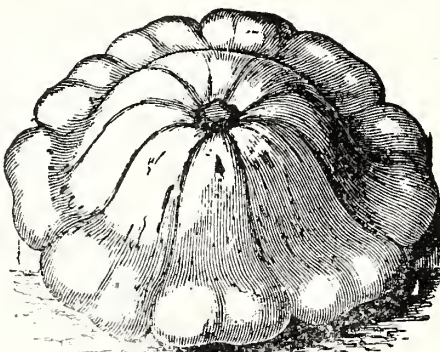
Scand.—Squash-Graeskar.

(One ounce to 25 hills; 3 to 4 lbs. to the acre.)

There are two distinct types. The Summer varieties are cultivated for the tender young fruits which are used in the green or growing stage during the summer months. The winter squashes produce larger hard-shell fruits, which are gathered in the fall before there is danger of their being injured by frost, and stored in a warm, dry place for winter use. A few of the varieties may be used in either state.

**Summer Varieties****Early White Bush**

One of the best early maturing varieties. The fruit is a beautifully waxy white of superior quality, somewhat flattened, scalloped along the edge and of medium size. It has that lasting delicious sweetness that leaves a hankering for more. 55 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.



Squash—Early White Bush

**Stim-U-plant**  
An all the year  
fertilizer for garden  
and house plants.

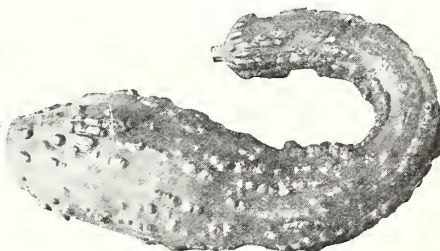


Squash—Vegetable Marrow

**Vegetable Marrow**—The favorite English Long White sort. The fruit is very desirable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin white, flesh white, and of rich flavor. This is distinct from all other varieties of squash. 65 days. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

**Early Summer Crook-**

**neck**—Very early medium sized, about fifteen in. long and matures in 70 days. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. Is the most highly esteemed of all summer varieties. 60 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.25.



Early Summer Crookneck

Winter Squashes are easily stored in a warm dry room. Be sure to leave part of the stem attached to the fruits.

**COLLECTION—Salad Greens**

Very few people are acquainted with salad vegetables other than head lettuce. We offer the following collection of palatable, deliciously flavored green vegetables, to supply greens from April through the winter.

Cos Lettuce	Endive
Corn Salad	French Endive or Chicory
Chinese Celery Cabbage	Water Cress

One pkt. of each for 35c, postpaid.

**TOBACCO**

One ounce will plant an acre.

**Grow your own smoking tobacco**

**Cultural directions**—The plants should be started in a hotbed, or in pots or boxes in the house, and transplanted outdoors, three feet apart each way, when danger of frost is past.

**Connecticut Seed Leaf**—Is the hardest variety in cultivation. Pkt., 10c; ½ oz., 35c; oz., 60c.

**Fall or Winter Varieties**

**Red or Golden Hubbard**—This is identical in size, form and fruitfulness with the Chicago Warty Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine quality and should be one of the most profitable market sorts. 105 days. Pkt., 5c; oz., 25c; ¼ lb., 55c; lb., \$1.50.

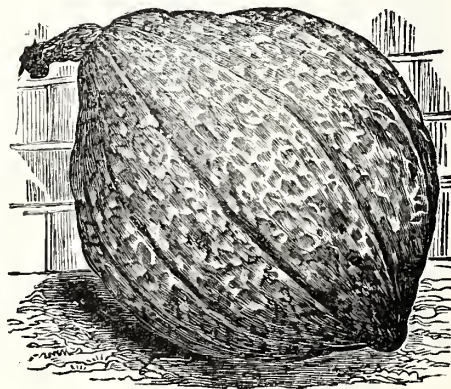


Squash—Improved Hubbard

**Improved Hubbard**—This old and popular favorite is still one of the very best winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large squashes of dark bluish green color, weighing often 10 to 25 lbs. each. Properly stored it may be kept from September to May. 100 days. Pkt., 5c; oz., 25c; ¼ lb., 55c; lb., \$1.50.

**Delicious**—This fall and winter Squash is finer-grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 lbs. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. 110 days. Pkt., 5c; oz., 25c; ¼ lb., 55c; lb., \$1.50.

**Boston Marrow**—Is a very popular squash, very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon yellow color fine grained and of excellent flavor. 100 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.



Squash—Boston Marrow

**Chicago Warty Hubbard**—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. 110 days. Pkt., 5c; oz., 25c; ¼ lb., 55c; lb., \$1.50.

**Table Queen**—Sometimes called Des Moines, Acorn, Individual, and Danish Squash—Cut in half and baked for twenty minutes, it will give you a delicious meal you will long remember, and if you like pie, try one from Table Queen. You will be pleased not only with the quality of this Squash, but you get so many from each seed planted, the vines being so vigorous and productive. The fruits are a nice size to handle, 6 to 7 inches long and 4 to 5 inches in diameter. The shell is hard and smooth, so that they keep as well as the Hubbard. The color is dark green, acorn shaped, makes an ideal individual squash. Table Queen ripens in the fall. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

**DON'T OVERLOOK OUR FAMOUS ROSE COLLECTION**



## TOMATO

Ger.—Liebesapfel.

Seand.—Tomat.

(One ounce will produce 2000 to 3000 plants)

**CULTURE**—Sow early in hotbeds, and as soon as they have four leaves transplant into shallow boxes. Harden off, and set out as soon as danger of frost is past.

**New Alpha Pink**—The Earliest Pink Tomato in cultivation—The gardener who has a demand for pink tomatoes, will find Alpha Pink just what he has been looking for. In addition to its extreme earliness, it is much superior to Earliana in table quality in handsome shape and attractiveness. The plants are of such vigorous growth that the finest fruits are produced, both extra early and until frost. The fruits set in generous clusters and each is of grand flavor. 90 days. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35; lb., \$4.00.



Tomato—John Baer

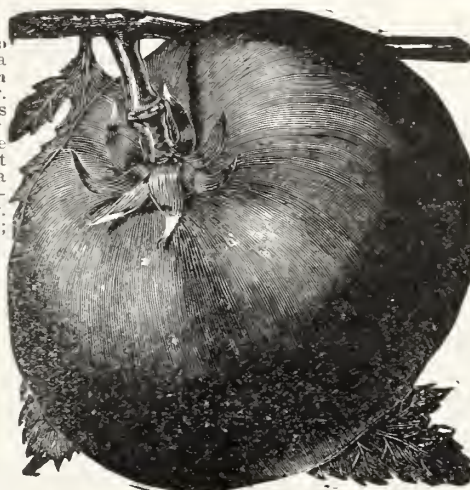
**John Baer**—The seed of this Tomato was purchased by us from one of the largest growers in the East, who recommended it as one of the earliest of all tomatoes, and our experience with it bears out this recommendation. The fruit is a bright red color of good size, round, smooth, very solid and producing very few seeds. 85 days. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20; lb., \$4.00.



Tomato—Bonny Best

**Bonny Best**—An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower, quite productive and with splendid foliage for protecting fruit from the hot sun. 100 days. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20; lb., \$4.00.

**Tomatoes, Melons, Spinach** and some other crops requiring rather long growing seasons, are materially benefited by a second application of fertilizer when half grown. Side dressings of Bone Meal should be scattered between the rows at the rate of four ounces to ten feet of row, when rows are spaced two feet apart; and pro rata for rows spaced a greater or lessor distance.



Tomato—Market King

**Avon Early**—New, extra early scarlet fruited variety. Produces good sized fruits, round or slightly flattened, deep scarlet in color, smooth, free from cracks and of fine quality. Very productive, as early as Earliana and bearing for a longer time. Avon Early is a decided improvement over Earliana. Pkt., 10c; ½ oz., 40c; oz., 75c; lb., \$2.50.

## Novelties

## Orange Sunrise

Is one of the earliest and most prolific in cultivation, either raw or cooked. Orange Sunrise possesses the finest flavor of any variety yet introduced and bears fruit of a beautiful orange color, medium size appearing in large clusters, suitable for indoor and outdoor culture. We are convinced that all who give the Orange Sunrise tomato a careful trial will realize its high value, notwithstanding popular prejudice in favor of red Tomatoes it will succeed in establishing itself as one of our leading varieties. Pkt., 25c; ¼ oz., \$1.25; ½ oz., \$2.25; oz., \$4.00.

## Market King

Early and prolific. It is one of the finest tomatoes for indoor and outdoor culture ever introduced, matures quickly from seed. The Market King sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruit smooth and of fine quality, medium in size and perfectly round. The color is bright scarlet and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop, for this reason it is very valuable for market purposes. Market King has won many awards and prizes. Pkt., 25c; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$4.50.



Tomato—Spark's Earliana

**Spark's Earliana**—Plants are of compact growth with stout-jointed branches. Yields well and the fruit is solid and of fine quality; bright red in color, of good size. Ready for Market in 90 days. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

**MARGLOBE**—This fine second early, developed by the Bureau of plant industry, U. S. Dept. of Agriculture, produces large, smooth, meaty, globular red fruits, which ripen evenly, and are free from cracks. An extremely heavy cropper, immense yields of excellent fruits being reported from every region where tried. Especially valuable to those who are in districts troubled with rust and wilt, and particularly in the Southern States, as this strain is immune. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.80; lb., \$6.00.

## Important

By supporting the plant less ground space is required, the fruit will ripen better and less will spoil.

NOTICE  
Tomato

Small fruited varieties—See Page 102



Tomato—Golden Queen

**Golden Queen**—Fruit of good size and very smooth, solid and mild in flavor. Color is a bright yellow. Ripens early and is a prolific bearer. Many consider this yellow tomato to be of a better flavor than any of the red varieties, and it is less acid. 100 days. Pkt., 5c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

YOU CAN'T GO WRONG WITH THESE SPLENDID TOMATO VARIETIES



**TOMATO—Small Fruited Varieties**

for pickling and preserving. Invaluable for garnishing.

Red Pear—  
Red Peach—  
Red Plum—  
Red Cherry—  
Red Currant—

Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Winter Cherry, or Purple Husk Tomato—Makes fine sauce.  
Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Yellow Cherry—  
Yellow Plum—  
Yellow Peach—  
Yellow Pear—

Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Ground Cherry, Strawberry, or Yellow Husk Tomato—Plants of low-spreading growth and immensely productive. The small yellow fruits are each inclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

**TABLE TURNIP**

Ger.—Steckruebe.

Scand.—Turnips.

One ounce will sow 150 feet of drill. 2 pounds will sow an acre.

**Culture**—For early use, sow as soon as the ground can be worked in spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

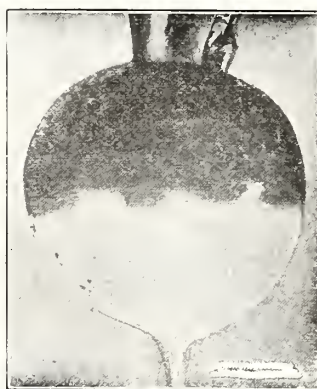
For feeding stock in fall and winter there is nothing superior to turnips and rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

**White Varieties**

**White Milan—Extra Early**—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better turnip for early bunching; fine grained, tender and sweet. 45 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.15.

**Purple Top Milan—Extra Early**—Very similar to the White Milan except that the roots are a little more flat, and the top of the root is purple. 45 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.15.

**Early Snowball**—A medium globe shaped variety of pure white. Very solid and of the finest quality for table use. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.



Turnip

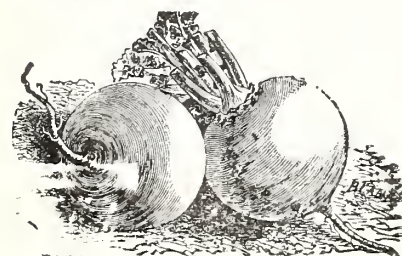
Purple Top White Globe

Turnip—Purple Top Strap Leaf

**Purple Top White Globe**—Round, globe shaped about six inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and fine for market. 70 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., 85c.

**Purple Top Strap Leaf**—The most generally planted of any variety. It is a quick grower, the flesh is very fine grained and sweet flavored. The red top of the bulb extends down to where it rests in the soil. 55 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., 85c.

**Early White Egg**—An old favorite, egg-shaped, perfectly smooth, firm and mild. 50 days. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.



Turnip—Golden Ball

**Yellow Varieties**

**Golden Ball**—The most delicate yellow fleshed turnip; of medium size; firm, hard and of superior flavor. Valued highly as a table variety. 70 days.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., 85c.

**RUTABAGA—Winter Turnip**

These require a longer season in which to grow than do other turnips; the seed should be sown about the first to the middle of June.

**Bangholm**—The seed of this variety of Rutabagas is grown in Denmark by Daehnfeldt, who has been awarded a first class certificate on several occasions by the Danish government for the Best Cropping Rutabagas. An oblong globular shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties. 95 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.00.



Large White or Sweet Russian

Large White or Sweet Russian

—This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. 90 days. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.00.

**Stim-U-plant**  
An all the year fertilizer for garden and house plants.



Rutabaga

Danish Bangholm

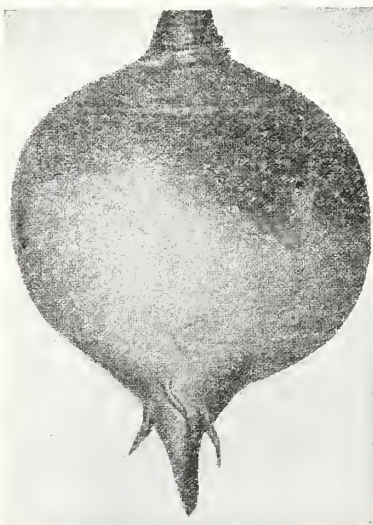
**CARCO**

**Vegetable Spray**  
Controls the  
Cabbage, Turnip,  
Beet, Cauliflower,  
Radish and Onion  
Maggot

See Page 131

**American Purple Top**—This strain is of American origin and is a purple top yellow variety. Excellent for table use and also for stock feeding. A most desirable variety. 95 days.

Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.00.



Rutabaga—American Purple Top

Rutabagas are highly nutritious as a table vegetable and profitable as food for stock and fowls.

**FERTILIZERS IN SMALL GARDENS**

Amateur garden makers are often puzzled as to the amount of fertilizer needed for their small plots, because the usual directions give only the amount per acre. The following table shows (approximately) the proper proportions.

100 lbs. per acre equals 1 lb. for a plot 10x43 ft.  
200 lbs. per acre equals 1 lb. for a plot 10x21 ft.  
300 lbs. per acre equals 1 lb. for a plot 10x14 ft.  
400 lbs. per acre equals 1 lb. for a plot 10x11 ft.  
500 lbs. per acre equals 1 lb. for a plot 10x 9 ft.

**SPRATT'S DOG FOODS**—See Page 122

**BIRD SEED**—See Page 122

**SWISS CHARD**—See Page 83



# State Nursery and Seed Co's. Rocky Mountain Lawn Grass Seed

The chief desire of almost every home owner, whether a town or rural dweller, is to possess a good lawn, and nothing adds to the appearance of a residence as much as a good lawn of thick growth and velvety appearance. A nicely kept sward, neatly trimmed, adds materially in beautifying any building or residence, and often too, becomes one of the chief selling features.

One quart will sow 200 square feet or 10x20; 10 lbs. for 2,000 square feet, or 40x50; 60 to 100 lbs. per acre or 43,560 sq. ft.



Grounds at the Court House, Helena, Mont., showing a fine arrangement of flower beds and lawn from our Rocky Mountain Lawn Grass Mixture

The essentials for a fine lawn are: First, a rich, well drained soil; second, careful preparation of the ground, making it as fine and smooth and mellow as possible; third, a wise selection of seeds; fourth, sowing at such a time as to give the young plants a chance to become well established before being subjected to very dry or cold weather or to the direct rays of the hot, summer sun. However, much care is bestowed on the soil and seed, no lawn will be beautiful without frequent mowing and rolling. Too much care cannot be bestowed upon the selection of grasses, as some varieties are the most luxuriant in spring, others in summer, others again in autumn and a combination of the proper sorts is required for a perfect carpet-like lawn. If sown in the spring, sow as early as possible, making the surface very fine and smooth, then raking it over and sowing the seed just before a rain which, if the surface has just been raked, will cover the seed sufficiently. For fall seeding sow before the autumn rains and early enough to enable the young grass to become well established before very cold weather, when a light dressing of manure should be given. If you are planning a large new lawn, write us. Our experts are at your command. Bear in mind that a beautiful lawn with trees and shrubs well arranged is the thing which gives great pleasure to the owner and all mankind who see them.

All the seed contained in our Rocky Mountain Lawn Grass has been cleaned and re-cleaned by the most up-to-date and efficient machinery, and we have complete records as to their purity and germination.

Our Rocky Mountain Lawn Mixture is the very best that can be procured under any brand, at any price. Price for price, we are willing to place ours against any other mixture on the market, both for purity and germination.

## ROCKY MOUNTAIN

### LAWN GRASS MIXTURE WITH DUTCH CLOVER

As there are many people who like white clover in a lawn we put up this special mixture; which has gained us many friends and is increasing in popularity. Postpaid—Pint, 40c; quart, 65c; 5 lbs., \$3.75; 10 lbs., \$7.25; 25 lbs., \$17.25.

By express or freight at purchaser's expense—Pint, 35c; quart, 60c; 5 lbs., \$3.50; 10 lbs., \$6.75; 25 lbs., \$16.00.

### ROCKY MOUNTAIN LAWN GRASS MIXTURE

Same as the above Rocky Mountain Mixture but without White Dutch Clover.

Postpaid—Pint, 35c; quart, 60c; 5 lbs., \$3.50; 10 lbs., \$6.75; 25 lbs., \$17.00.

By express or freight at purchaser's expense—Pint, 30c; quart, 50c; 5 lbs., \$3.25; 10 lbs., \$6.25; 25 lbs., \$16.25.

### SHADY PLACE LAWN GRASS MIXTURE

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this mixture are those that are well adapted for growing in shade.

Postpaid—Pint, 45c; quart, 80c; 5 lbs., \$4.25; 10 lbs., \$8.25; 25 lbs., \$17.75.

By express or freight at purchaser's expense—Pint, 40c; quart, 70c; 5 lbs., \$3.75; 10 lbs., \$7.25; 25 lbs., \$16.00.

### WHITE DUTCH CLOVER—"Peerless"

This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted. Postpaid—½ lb., 30c; 1 lb., 65c; 5 lbs., \$3.15; 10 lbs., \$6.00; 25 lbs., \$13.50.

By express or freight at purchaser's expense—½ lb., 25c; 1 lb., 60c; 5 lbs., \$2.80; 10 lbs., \$5.40; 25 lbs., \$13.25.

**CREEPING BENT GRASS—(West Coast Registered Seed)** Is particularly valuable for lawns that are to be used for croquet grounds or tennis courts on account of its compact creeping rooting stems, of rapid growth and spreading habit, forming a strong, durable turf, because it is benefited more than hurt by tramping and by its bright color, adds to the beauty of the lawn. 1 lb., \$2.00; postpaid, \$2.10; 5 lbs., \$9.00; postpaid, \$9.25.

**Kentucky Blue Grass—(Super Grade)**—Once in about 5 years there is an extra fine quality of Blue Grass produced. This makes it possible to secure seed weighing 26 lbs. per measured bushel, fine plump bright seed. Ordinary seasons 21 to 23 lbs. seed is good weight. Buy Super Seed for your lawn this season. Postpaid per lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.80; 25 lbs., \$11.50.

By express or freight at Purchaser's expense—1 lb., 55c; 5 lbs., \$2.35; 10 lbs., \$4.50; 25 lbs., \$10.80.

### KENTUCKY BLUE GRASS—"Peerless" Grade)

We wish to call particular attention to the cleanliness of our Peerless Blue Grass, its the cream of the market.

Postpaid—1 lb., 55c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$12.75.

By express or freight at purchaser's expense—1 lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 25 lbs., \$10.75.

### KENTUCKY BLUE GRASS—"Placer" Grade)

Used extensively for lawns and parking streets; also makes excellent pasture or hay. Postpaid—1 lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 25 lbs., \$10.75.

By express or freight at purchaser's expense—1 lb., 45c; 5 lbs., \$2.10; 10 lbs., \$4.00; 25 lbs., \$9.50.

### MIXTURES FOR GOLF LINKS

While there are on the market numerous ready prepared golf mixtures of more or less value, we have found that the best results are obtained by giving individual attention to each customer and making a special mixture to suit his needs. Write us a description of your links, telling what the nature of the soil, how drained, how much it has the sun, whether the winters are long or open and whether the summers are wet or dry and we will offer you two or more mixtures especially adapted to the various parts of your grounds.

**PAMPHLET—ON THE PREPARATION AND CARE OF LAWNS, FREE.**

Cover Mother Earth with the Best of Rugs—A Carpet Grown from Our Rocky Mountain Lawn Grass Seed  
WRITE FOR SPECIAL PRICES ON LARGER LOTS



# Field Seeds Department



Our Warehouse where our Field Seeds are cleaned graded and where hundreds of tons of our Dairy and Poultry Feeds are manufactured

## SEEDING TABLE

An acre contains 43,600 square feet

	Broadcast	Drilled		Broadcast	Drilled
ALFALFA—For hay crop on irrigated land....	15 lbs.	12 lbs.	BROME GRASS—( <i>Bromus Inermis</i> ) for hay or pasture on irrigated land.....	20 lbs.	15 lbs.
ALFALFA—For hay crop on dry land.....	10 lbs.	8 lbs.	BROME GRASS—( <i>Bromus Inermis</i> ) for hay or pasture on dry land .....	15 lbs.	12 lbs.
ALFALFA—For seed crop, on dry land or sub irrigated .....	8 lbs.	6 lbs.	BLUE GRASS—For hay or pasture on irrigated land .....	25 lbs.	20 lbs.
ALFALFA—Pedigreed GRIMM, in rows 3 ft. apart to be cultivated .....		1 lb.	ORCHARD GRASS—For hay or pasture on irrigated land .....	25 lbs.	20 lbs.
CLOVER—Medium Red, for hay crop .....	12 lbs.	10 lbs.	RYE GRASS ( <i>Perennial</i> )—For hay or pasture on irrigated land .....	40 lbs.	30 lbs.
CLOVER—Sweet for hay crop or to be plowed under for green manure .....	15 lbs.	12 lbs.	MILLET—German, Hungarian, Siberian or Hog, for hay crop .....	30 lbs.	25 lbs.
TIMOTHY—For hay or Seed Crop .....	10 lbs.	8 lbs.	MILLET—Japanese or Billion Dollar Grass, for hay crop .....	15 lbs.	10 lbs.
TIMOTHY AND ALSIKE CLOVER—for hay or pasture .....	10 lbs.	8 lbs.	SUDAN GRASS .....	20 lbs.	10 lbs.
RED TOP—For hay crop or pasture .....	10 lbs.	8 lbs.			

## GRAIN

WHEAT—4 pecks—1 bu. or 60 lbs.  
 OATS—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.  
 FLAX—16 to 30 lbs.  
 PEAS—Per acre 90 to 120 lbs.  
 CORN—Per acre drilled 15 lbs.  
 BARLEY—2 or 6 row—5 pecks—1½ bu. or 60 to 70 lbs.

BARLEY—(Hulless)—4 pecks—1 bu. or 60 lbs.  
 RYE—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.  
 SPELTZ—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.  
 SPELTZ—4 pecks dry land—50 lbs. for grain.  
 SPELTZ—5 pecks irrigated—60 lbs. for grain.  
 CORN—For fodder or Silo, 75 lbs.



**Montana Grown****ALFALFA SEED****Mantana Grown**

IS

**Hardest and Best****OUR SPECIALTY****Hardest and Best****Pedigreed GRIMM AND COSSACK****ALFALFA SEED**

is the

**HARDEST KNOWN****THIS TRADEMARK IS**

A

**"SIGN OF SEED SAFETY"****HARDINESS, PURITY, QUALITY**

and

**DEPENDABILITY**

Look for the Tag on the Bag

**A SHORT STORY OF GRIMM ALFALFA SEED**

The original source of perhaps 95% of all the Registered Grimm in the state can be traced back to our house. We were the first to introduce and distribute this seed in quantity and without ego we can justly claim to be the foster father of a great industry within the state. Records and history substantiate this claim and we are still endeavoring to serve and distribute to our customers a first class quality of pedigreed stock in any quantity and at any time desired. To register fields for seed production in Montana the seed must be Montana grown.

**PEDIGREED GRIMM**

True Grimm Alfalfa has in every respect proved itself a most wonderful variety and its reputation has been so well established that the registered and sealed seed always commands a top price. Our stock is the best that can be produced; fully registered; inspected; tested and sealed under regulation of Montana Seed Growers' Association.

**PEDIGREED COSSACK**

Introduced by Prof. Hansen in 1906. Many farmers have found by their own experience that Cossack is the heaviest and best seeder of any alfalfa seed they have tested. The past dry seasons have demonstrated the value of Cossack.

**Montana Grown****PEDIGREED COSSACK ALFALFA SEED**

Traced to original foundation stocks of Prof. Hansen's importations.

Produced by dependable growers, members M. S. G. A. Fields inspected for purity and trueness of type. Seed tested and graded.

Bags sealed by Montana Seed Growers' Association. Tagged with official grade tags.

**LOOK FOR THE SEAL AND TAG ON EVERY BAG****Montana Grown****PEDIGREED GRIMM ALFALFA SEED**

Traced to original foundation stocks of Carver County, Minnesota fields.

Produced by dependable growers, members M. S. G. A. Fields inspected for purity and trueness of type. Seed tested and graded.

Bags sealed by Montana Seed Growers' Association. Tagged with official grade tags.

**LOOK FOR THE SEAL AND TAG ON EVERY BAG****Montana Grown****PEDIGREED COSSACK ALFALFA SEED**

**Classified and sold in three grades**

Grade Extra No. 1 (Blue tag). Top quality. Sound, plump seed, purity at least 99.5, no sweet clover or dodder.

Grade No. 1 (Red tag). Sound seed, purity at least 99.0 no sweet clover or dodder.

Grade No. 2 (Yellow tag). Certified as to variety only. No dodder. May have Sweet Clover in amount shown on tag. Purity as indicated on tag.

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Grade No. 2 (Yellow tag). Certified as to variety only. No dodder. May have sweet clover in amount shown on tag. Purity as indicated on tag.

We have, to offer, a quantity of each of the unregistered Grimm and unregistered Cossack. This seed was from originally registered seed on unregistered fields; unregistered because registration was not applied for. While this quantity lasts it will afford the hay producer an opportunity to plant Grimm or Cossack at a seed cost considerably under the registered seed price.

Write for samples and quotations, stating the quantity you desire.

FOR PRICES—SEE PINK INSERT



# Montana Hardy "Selected" Alfalfa

## OUR SPECIALTY

### SOME FACTS WORTHY OF YOUR ATTENTION

Montana Alfalfa Seed is now recognized everywhere as being the hardiest of all alfalfa and therefore the most consistent high yielder in hay tonnage.

Montana Alfalfa wins first at the Chicago International in 1930.

Results of a six-year test at the Michigan Agricultural Experiment Station show that Montana seed averaged 4.52 tons per acre compared with 3.98 for Utah and 3.70 for Idaho seed.

Every prospective purchaser of alfalfa seed should bear in mind that Montana alfalfa seed is now in demand in every state and country where poor yields and winter killing are important factors.

Can you afford to plant other seed when the Montana seed is available?

When it is available we have it and are pleased to submit our closest quotations on any quantity or grade desired.



### EXTRA NO. 1 or PEERLESS GRADE

#### HARDY MONTANA ALFALFA

Is heavy, uniformly plump and bright as is characteristic of healthy seed carrying a strong germ and high productive qualities. Peerless grade is always at least 99% pure and usually above 99.5%.

### PLACER GRADE HARDY MONTANA ALFALFA

Placer is our No. 1 grade. Not as uniform in color or quite as high in purity, although this is consistently around 99% pure and carries practically no weeds, noxious or otherwise.

Equal to most Alfalfa seed offered under fancy grade.

### QUARTZ GRADE HARDY MONTANA ALFALFA

Quartz is our No. 2 grade, therefore more variable in color and purity than either of the other two grades. However for those who want hardy Montana seed at a low price, this seed very often fills the bill. The demand and repeat orders on this grade are convincing evidence that it has a place on our list.

The purity and germination on this grade often runs as high or higher than that of our Placer grade and even though from a producing standpoint this seed is perfectly good, it has to be separated into a lower grade at a lower price principally because of color alone.

We have to offer a quantity of each of the unregistered Grimm and unregistered Cossack. This seed was from originally registered seed on unregistered fields; unregistered because registration was not applied for.

While this quantity lasts it will afford the hay producer an opportunity to plant Grimm or Cossack at a seed cost considerably under the registered seed price.

FOR PRICES—SEE PINK INSERT



INOCULATE THIS  
SEED WITH  
STIMUGERM

# CLOVERS

INOCULATE THIS  
SEED WITH  
STIMUGERM



Red Clover

Selection of northern grown, preferably Montana grown, seed for hardiness is the best insurance.

**Soil Requirements**—Red Clover can be grown on many kinds of soil, the most suitable being clay loams with a certain amount of lime and plenty of organic matter. Sandy loams give good returns especially on limestone foundation. Red Clover, however, generally prefers the heavier soils.

**Uses**—Red Clover has high feeding value and has excellent fertilizing value, adding nitrogen to the soil. It makes excellent hay, and for this purpose should be cut before the heads begin to turn brown. It is exceptionally fine for pasture purposes, but carries the same danger of bloat as does Alfalfa.

## CLOVER—Mammoth Red

**Botanical Description**—Mammoth is a large variety of the Red and for the most part is a perennial. Stems are long, coarse and more spreading. Mammoth Red is later than medium Red, blooming about 10 days after. It grows more slowly than Medium Red and can generally be cut only once in a season.

**Cultural Conditions**—It requires the same soil and climate conditions as Medium Red, but because of its stronger root system and perennial tendency, it is more apt to thrive under adverse conditions.

**Soil Conditions**—See Medium Red.

**Uses**—Same as Medium Red. Makes coarser hay but its greater luxuriance makes it a better soil improver.

## ALSIKE CLOVER

**Botanical Description**—Alsike Clover is a perennial with erect generally ascending stems which do not root at the base as do those of White Clover. They reach a height of one or two feet and branch in their upper parts. The whole plant is hairless and for this reason brighter in color than Red Clover. Alsike flowers are rose colored when fully developed and white when young. This explains why a blossoming head is generally rose colored in its lower part and white toward the top. Alsike obtained its name from a small parish in Sweden called Alsike.

**Cultural and Soil Conditions**—Alsike prefers localities with plenty of moisture in soil and air. The most suitable soil is moist clay loam or clay with good lime content. It can be grown to advantage where soil is too wet for Red Clover, and with poor drainage, where Red Clover is a failure. Alsike will flourish. It has a rather shallow root system.

**Uses**—When grown for hay it is usually best mixed with Timothy or Red Top, thus producing finer quality. A good and very popular mixture for Montana is about 30 per cent Timothy and 20 per cent Alsike. Alsike is best cut for hay when in full bloom or a trifle later.

It produces usually one crop of hay a season but the tonnage is very heavy.

It is much esteemed for pasture because of its high feeding value. When sown alone, use about eight pounds to an acre.



Alsike Clover

## WHITE SWEET CLOVER

**Botanical Description**—White Sweet Clover is a biennial with strong taproot and numerous leafy stems. The latter, which are generally much branched, reach a height of from two to five feet. Young plants resemble Alfalfa, but are recognized by the peculiar sweet odor and by the difference in structure shown by a cross-sectional cut of the stem. Sweet Clover presents a small tube-like appearance in the stem center. The flowers are white.

**Cultural and Soil Conditions**—Grows readily in nearly any soil or climate.

**Uses**—When young it is succulent and quite palatable for hay and pasture. When old and woody it loses much of its palatability. For hay purposes in Montana it might better be considered an insurance crop than a competitor of Alfalfa. It is sure to make a good crop of hay or roughage under conditions which might cause an Alfalfa crop failure.

It is quite popular for pasture purposes both for cattle and sheep. For fertilizing value it can hardly be excelled. It furnishes economical, quick and abundant nitrogen to the soil.

## YELLOW SWEET CLOVER

Yellow Sweet Clover is not far different from White except, as the name signifies, it has a yellow flower.

Generally speaking, the plant does not grow as rank as White, has more of a spreading growth habit and somewhat finer texture, thus making it a consistent gainer in popularity over the White for pasture purposes.

We know of and can offer proof of an instance where 30 acres of Yellow blossom offered abundant pasture for 700 ewes and lambs, continuing for three months.

At the present time the seed is cheap, and an exceptionally good investment from the fertilizing standpoint alone.

## WHITE BLOSSOM "ARCTIC" or Grundy Biennial

This is white blossom biennial sweet clover that grows from 3½ to 4 feet high; matures an abundance of seed that ripens three weeks ahead of common white biennial. The outstanding advantages of this clover is that it grows to a good height for harvesting, but does not require clipping, thus getting away from the hazard of killing the clover by clipping improperly. It ripens early ahead of weeds and is ready to thresh and hull before small grain. It is very hardy and will withstand dry summers and hard winters. The seed is usually a little higher in price than the other varieties, but well worth all you pay for it. Fine for hay.

## CLOVER—Medium Red

**Botanical Description**—Red clover is mainly biennial. The year the seed germinates, the stems and leaves produced are of finer texture and not large and there are no flowers. The second year flowers are developed and seed is formed. As with most biennials, it has the characteristic taproot.

**Cultural Conditions**—Being a resident of the temperate zone, Red Clover succeeds best where summers are not too hot nor the winters too severe. Most parts of Montana, probably with the exception of the northern and northeastern parts of the state, are pretty well adapted to Red Clover production. Adaptability plays an important part in production.

FOR PRICES—SEE PINK INSERT



**CLOVERS—Continued****ALTASWEDE CLOVER**

Atlaswede is a product of artificial and natural selection from the late Swedish Red Clover which was introduced from Sweden in 1914 by the Dominion Seed Branch, Ottawa.

In the Spring of 1917 steps were taken to make an exhaustive study of the merits of this clover. Seed was collected regularly until 1920.

During 1918 extensive field experiments were undertaken in the experimental grounds. In 1919 some 500 samples of seed were distributed to many farmers in the province of Alberta to test under all soil and climatic conditions in comparison with red clover. This was repeated in 1920 and 1921.

From the data derived from the University at Edmonton and elsewhere in the province of Alberta, Atlaswede has amply demonstrated its winter hardiness and superior merits for fodder and seed production.



**Kentucky Blue Grass**

**Uses**—If grown for hay, it should be cut when in flower. Its feeding value is best at that time. It cannot always be relied on for a second crop of hay.

As before mentioned, it is the king of pasture grasses and serves well in pasture mixtures.

It is without doubt the best of lawn grasses and especially is this true under Montana conditions.

**TALL FESCUE**

Succeeds best in moist alluvial and strong clayey soils; is very productive and lasting; valuable for permanent pasture, is relished by stock and on rich land makes fine hay. Height 3 to 4 feet.

**MEADOW FESCUE**

**Botanical Description**—Meadow Fescue is a perennial with long, strong roots. It has short rootstocks and is therefore tufted but not so much as orchard grass.

Stems are from 18 to 36 inches high, smooth and slender. Leaves are long, broad and slight in texture. Brome and other grasses have panicles similar to that of Meadow Fescue.

**Cultural and Soil Conditions**—It does best in a soil rich in organic matter. It is well adapted to clay soil, although not quite so well as Orchard Grass. It can also be grown successfully on sandy land if sufficient moisture is available and the soil is not too shallow. It is better fitted for medium wet soil than Orchard Grass, especially in pasture, and stands tramping better. On the other hand, its deep root system makes it fairly drought resistant. It stands the cold exceptionally well.

**Uses**—Hay from Meadow Fescue is nearly equal to that from Orchard Grass. Its nutritive value is higher and it should be cut at flowering time.

It is a most excellent pasture grass, good milk producer, does well in pasture mixtures and withstands tramping.

**WHITE OR DUTCH CLOVER**

**White Dutch Clover**—Is a perennial. The stems are creeping and root at the joints. A single plant may thus spread over a wide area. From the stems, trailing along the ground surface, are developed upright leaves and flower heads, both provided with long stalks.

The heads of White Clover develop from the lower parts of the stem. White Clover was first developed in Holland; therefore the name Dutch Clover.

**Cultural and Soil Conditions**—White Dutch Clover grows naturally in meadows and pastures, does well in valleys and on mountains. It will grow on a great variety of soils from sand and gravel to rich loam and clay. It does best, however, on moist, well drained loams which contain lime and humus and is especially adapted to the moist medium warm climate. When other conditions are favorable, however, it will endure severe cold without injury and will stand drought providing the subsoil is somewhat moist, because while most of the roots are rather superficial, the main taproot penetrates to a considerable depth.

**Uses**—Because of its low growth it is not used to any great extent as a hay plant. Its chief value is for pasture, and in pasture and lawn grass mixtures.

It covers the ground quickly, has high nutritive value and stands tramping and close grazing exceptionally well.

**KENTUCKY BLUE GRASS**

**Botanical Description**—Kentucky Blue Grass is a perennial with a widely creeping rootstock. This produces runners and leafy shoots. The runners are underground stems carrying colorless scales instead of green leaves. They creep under the ground surface and produce upright stems from their ends. The upright leafy stems arise in bunches from their base. The stems are from one-half to three feet high and perfectly smooth. The stem leaves are comparatively short.

**Cultural and Soil Requirements**—It grows practically everywhere that agriculture is of importance—on dry hills and in wet marshes. For proper development, however, it requires pretty good soil, and extremes check its growth. It does its best on bottom lands where soil is loose and rich in humus with a good lime content. It is regarded as the king of all pasture grasses.

You can be absolutely sure of getting Clovers suited for Montana conditions in our Medium Red, Mammoth, Alsike, Atlaswede, Yellow or White Sweet. They are Home Grown.



**Meadow Fescue**

**FOR PRICES—SEE PINK INSERT**



**RED TOP**

**Botanical Description**—There are several varieties of Red Top, varying in height from two to four feet. The only ones of importance to agriculture are the taller varieties. Red Top has a creeping rootstock and runners. It does not grow in tufts but forms a dense sod as a result of its joint rooting habit. The leaves vary in size and number. The flowers are arranged in panicles with numerous branches.

**Cultural and Soil Conditions**—Red Top grows naturally in most localities. However, it is best adapted to light wet soils where its roots can develop freely. Wet bottom land not suited for other grasses is often the ideal place for growing Red Top.

**Uses**—Red Top makes good growth the same year it is sown and continues growth late in the fall. It makes a very fair quality of hay and especially has a place in grass mixtures for hay purposes.

It is very palatable and is relished by livestock in hay or pasture form.

It is a good sod developer and is used considerably for lawns. We recommend, however, that it be used preferably in a mixture with a large percentage of Kentucky Blue Grass rather than straight for lawn purposes.

**PERENNIAL OR ENGLISH RYE GRASS**

**Botanical Description**—This grass is a perennial with a creeping rootstock which develops bunches of leafy stems and shoots. The plant grows in spreading tufts. The stems are upright more or less elbow bent ascending and are smooth and slender, growing from one to two feet high. The leaves are dark green and folded together when in the bud. The flowers are arranged in a spike-like inflorescence composed of flattened spikelets in two rows. They turn their narrow side toward the main stem, differing from western Rye, which turns its broad side toward the stem.

**Cultural and Soil Conditions**—It prefers moist, rich clay loams. It can be successfully grown on marshy land or any good well drained soil. Although it is quite drought resistant, it is not recommended for districts where the summers are too hot and dry. It reaches its best yield at the second year but continues to give good yields for several years.

**Uses**—It is one of the oldest forage plants. It is very useful for hay and pasture purposes and sometimes is used in lawn mixtures. Its greatest nutritive value is immediately before flowering.

For pasture it stands rough treatment very well. Tramping seems to stimulate it.

If planted alone, 30 pounds of good seed to an acre are enough.



Perennial Rye Grass

**Bayer-Semesan Co's. Seed Disinfectants**

These Seed Disinfectants are the most efficient anti-septics for the control of seed, plant and soil diseases or fungus growths that science has yet developed and provide a safe and effective treatment for practically all common agricultural needs.

Ceresan for Cereals

Semesan Bel for Potatoes

Semesan Jr. for Seed Corn

Semesan for Vegetable Seed

Semesan for Flower Seed

Semesan for Brown Patch



Brome

**BROME GRASS (Bromus Inermis)**

Brome is a (top) grass. Persistent. Withstands drought that kills all other grasses, is not sensitive to cold and dry weather and in regard to this is unexcelled. It does best on rich, fresh, humus-holding soils, loamy sand and sandy loam.

**Habits of Growth**—Produces a close sod, a single cutting the year of sowing; two cuttings the second year. It becomes useful the second year and lasts twelve to fifteen years; second cutting almost equals first.

**Seed and Seeding**—Good seed should test 88 per cent to 90 per cent purity and the same for germination. To sow an acre requires from 15 to 25 lbs.

**Uses**—Develops a good sod, makes excellent pasture grass and fair hay. For hay it should be cut just before flowering for nutritive value.

**TALL MEADOW OAT GRASS**

This grass is particularly adapted to warm, dry climates, where Timothy will not grow. It is quite productive, stands pasturing well and remains green until quite late. It forms a very valuable mixture with Orchard Grass and Red Clover. It may be sown in the spring at the rate of two to two and a half bushels per acre, or where sown with Orchard Grass and Red Clover blended, proportionately.

**SLENDER WHEAT OR WESTERN RYE GRASS**

**Botanical Description**—Western Rye Grass is a perennial with a short rootstock not creeping. The stems and shoots are rather crowded and the plant grows in dense tufts. Stems and shoots are upright, the stems being from two to four feet high. The foliage is somewhat variable. The spikelets are always strongly appressed to the main stem, making the whole inflorescence narrow and slender—hence the name slender wheat grass.

**Cultural and Soil Conditions**—It grows naturally in dry soil and thrives best where water supply is limited. It does fairly well even on alkali ground, and the root being deep and strong, it is drought resistant and resistant to extreme cold. It is easy to grow, establishes itself the first year and gives its heaviest crop the third year.

**Uses**—It is one of the most valuable of western native hay grasses. Most types produce nutritious, succulent hay. Western Rye Grass does have a mixture of types. It should be cut previously to flowering time for the best hay.

Sow 15 pounds to the acre.

FOR PRICES—SEE PINK INSERT



**ORCHARD GRASS**

Orchard Grass is a top grass with thick, bushy, little spreading tufts. Reaches full development the second or third year and lasts a number of years. It has quick and plentiful second growth and can be cut several times, the first cut before the bloom. When heavily seeded with other grasses gives good pasture and sends its roots deep into the soil. Grows quickly in the Spring and is especially adapted for alternate system of farming.

**Cultural Conditions**—Likes humus loams and clay, does not do well on light sands. Because of its penetrating root system it withstands drought and is comparatively productive in the shade where many other grasses fail to produce. Seeding requires from 18 to 24 lbs. per acre.



Orchard Grass

**CRESTED WHEAT GRASS**

From its characters and adaptations it is the most promising grass now available for pasture in the dry sections of our State and when cut at the proper stage the hay is of excellent quality. Like other crops, best yields are usually obtained on the fertile black soils although it does well on sandy areas in the Northwest. We anticipate the seed will be much lower in price in a few years as it is a heavy seed producer. Try it out on your soil in a limited way, seeding 10 to 15 lbs. per acre, seeded in rows 6 inches apart with grain drill.

Timothy is a top grass, persistent. Especially adapted to mountainous regions and does best on humus loams and clays, also on well drained swamp lands, does not do well on soil poor in lime or sour soil. It is a rough hay, nutritious and tender when young, liked by all stock.

**Cultural Conditions**—Quite hardy, not sensitive to climate, roots penetrate deep, making it withstand drought fairly well. It is especially useful for hay and pasture purposes and should be seeded from 8 to 12 lbs. per acre.

**FOR PRICES—SEE PINK INSERT**

**GET ACQUAINTED WITH OUR FLOWER SEED COLLECTIONS**

**DUST OR**

**LIQUID**

**Treatments**

**With**

**Bayer-Semesan**

**Co's. Seed**

**Disinfectants**

**Disease-Free**

**Crops of Grain**

**etc. Ask for**

**Booklets on the**

**Various Kinds.**

**They are Free**



Timothy

**ALSIKE CLOVER AND TIMOTHY MIXED**

Where Alsike and Timothy are grown, together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. For this reason we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows, carrying about 20 per cent of clover.

**SUDAN GRASS**

Sow 10 lbs. per acre.

**The Greatest of All Forage, Grain and Hay Crops for Silo**

Sudan may be planted in cultivated rows, or close drills, or sown broadcast, but we recommend the last-named, using 25 to 30 lbs. of seed to the acre.

It is an annual and requires replanting each year; has no root stalks (as Johnson grass) and dies with the first frosts in the fall, is closely related to the sorghums (milo maze, kaffir corn, etc.) but yields far more abundantly than any of these and the hay has more fattening properties. The Government, in fact, estimates that its feeding value is only 3 per cent less than alfalfa, and much greater than timothy or any of the common hays, while stock of all kinds eat it in preference to even alfalfa. THERE IS NO OTHER FORAGE CROP KNOWN THAT WILL RESIST DROUGHTS LIKE SUDAN and it is therefore particularly adapted to semi-arid regions, yet it yields immense crops under irrigation and in rainy climates. In brief, Sudan solves the hay and pasturage problem for a very large section of the United States.

**TIMOTHY**



## Permanent Pasture and Meadow Mixtures

These mixtures in proper proportions of adaptable grasses and clovers are becoming more and more important all over Montana and the Northwest.

They may be a selection of individually preferred mixtures or they may be recommended mixtures (as suggested below) which have been consistently used and proven the best for many conditions.

In either case we can furnish the mixtures or the varieties for home mixing preferred by the purchaser or if he has any special soil or climatic condition to combat we will, upon receiving proper information from him, offer advice and suggestions.

### THE HUNTLEY MIXTURE

Recommended by the Federal Experiment Station at Huntley, Montana.

20% Brome Grass	20% Meadow Fescue
20% Kentucky Blue Grass	10% White Dutch Clover
20% Orchard Grass	10% Alsike Clover

This can be seeded at the rate of 16 to 24 lbs. per acre, according to individual conditions. For the most part the heavy seeding is the more practical.

### PEERLESS PASTURE MIXTURE

A mixture which has proven very good.

4 lbs. Brome Grass	3 lbs. Perennial Rye Grass
4 lbs. Orchard Grass	3 lbs. Medium Red Clover
3 lbs. Timothy	2 lbs. Alsike Clover
3 lbs. Kentucky Blue Grass	2 lbs. Tall Meadow Oat Grass.

Seed at the rate of 24 lbs. per acre

### FIELD PEAS

(60 to 75 lbs. per acre in drills; 75 to 120 lbs. broadcast)

Peas are second only to clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

They can be grown alone for fodder purposes and green manure but for a dairy feed it is far more profitable to mix them with oats, rye or barley. The best time to cut for hay is just when the grain is heading out. This hay is of the highest quality and extremely nutritious. Cattle, horses and sheep thrive on it and it will surprise you how much of it will be produced on a small acreage.

**White Marrowfat**—These large handsome Peas are equally as profitable to grow as a field crop and on account of their size are saleable at all times at the top of the market, as well as providing the table with extra good peas during summer. Very heavy yielder, producing from 30 to 40 bushels per acre; these peas being softer than the Canada Pea, are preferred by hogs or stock.

**Mixed Peas**—Suitable for a crop for either hogging or sheeping off. An economical way to harvest this crop and a profitable one. There are usually two or more varieties in the mixture too, near alike in size or shape to separate but just as good as the best stock from a feeding value standpoint.



Spring Vetch

### VETCHES

Like all leguminous crops, Vetch gathers nitrogen out of the air and deposits it in the tubercles on its roots. In order to carry out this process it is necessary that the seed be inoculated or the young plants will not grow as healthy and vigorous as otherwise. Although many of our customers report they are able to grow without inoculating, it seems that one is taking chances when inoculating can be done so easily with Stimugerm.

**Winter Vetch**—Known also as sand or hairy Vetch. Although called Winter this variety must be sown in Spring in Montana as it will not withstand our Winters, its advantage is that usually it produces a heavier tonnage per acre than the Spring Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

**Spring Vetch**—This is a very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land. It improves the soil, being a nitrogen gatherer. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive.

INOCULATE THIS  
SEED WITH  
STIMUGERM

INOCULATE THIS  
SEED WITH  
STIMUGERM

FOR PRICES—SEE PINK INSERT



**MILLETS**

**WHITE WONDER**—The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

**GOLDEN OR GERMAN**—In the north, Millet is sown almost altogether for hay and for that purpose southern grown seed is much the best. It grows taller than does that from northern seed, and that means more hay. It is finer than that from the northern seed, and that means better hay. Millet seed produced in the north, even from southern seed, becomes what we call Common Millet. Not only does the plant change in character becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

**SIBERIAN OR KURSK MILLET**—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of Golden or Hungarian Millet. In favorable years the difference has not been so great but the results have always been in favor of the Kursk Millet.

**HUNGARIAN—(Dark Seed)**—Often called Hungarian Grass. Many regard this as being better even than Golden Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results.

**JAPANESE—"Billion Dollar Grass"**—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast to the acre.

**PROSO TYPE MILLETS**

**Early Fortune or Red Proso**—This red form of the proso or hog Millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting.

**HOG OR BROOM CORN**—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry or young chicks.

INOCULATE THIS  
SEED WITH  
STIMUGERM

**FIELD BEANS**

INOCULATE THIS  
SEED WITH  
STIMUGERM

**Great Northern Navy**—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are par-excellence. Sow 16 to 24 lbs. to the acre.

**Small White Navy**—The popular Bean a few years ago, which now seems to be coming back to its own, being of small size. Use only 10 to 12 lbs. per acre. Splendid cooker and yielder.

**Mexican Red or Chili**—A heavy yielder, hardy, drought resistant, and an excellent baking bean. The seed is similar to the Great Northern in shape, but is red in color. Originally obtained from one of the Ft. Berthold tribes.

**SOY OR SOJA BEANS**

Valuable for silage, hay, for hogging off and as a soil improver. They resemble the navy bean in appearance but grow considerably taller. When planted with corn for silage the total yield per acre is increased and the feeding value of the silage improved. For hay they are valuable as an emergency leguminous crop where clover has been winter killed; equal to clover in feeding value and one of the best annual clover substitutes. Like clover they gather nitrogen from the air.

For hay, plant 60 to 90 lbs. pr acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence.

For hogging off, plant 30 to 60 lbs. per acre in rows 20 to 42 inches apart. 20-inch rows can be made by straddling every other row with the corn planter. As soon as the beans are mature turn in the hogs to harvest the crop.

**DIVERSIFY**

Montana needs a cash crop which will not require special machinery or equipment—one which can be grown without a large investment in labor—one which will fit into a general cropping system of rotation.

Flax should be one of Montana's permanent crops—a stable minor crop. It has been grown in Montana successfully for many years—The importance of diversity in Agriculture is well recognized. Flax is an ideal crop for new breaking. **FLAX FILLS THESE REQUIREMENTS.**

**Varieties**

**Wisconsin or Early Black Soy Beans**—Be sure to get the genuine extra early variety. They grow from 18-30 inches high and mature in 65 to 70 days. They are one of the best yielders of beans and best suited for hogging down.

**The Manchou**—is a good yielder and hence is popular with the farmers. The yield runs around 20 bushels to the acre and the oil content is from 18 to 24 per cent. In habit of growth the Manchou is low branching.

**SORGHUM OR SUGAR CANE**

**SORGHUM—Minnesota Amber Cane**—This is the type best suited for syrup.

The early Amber is the most common variety of Cane grown. There are two ways of planting it; one is by broadcasting, sowing from one to two bushels per acre, the other is to drill with a corn planter and cultivate the same as you would corn. It can be grown on any soil or in any climate from Maine to California. It will thrive on the richest land you have, or on the poorest, and it is one of the greatest destroyers of obnoxious weeds in existence. It can be sown any time in May or June and be harvested any time between the time it is a foot high and the first freezing weather. Cane is without doubt one of the greatest producers of high quality forage which has ever been discovered. The West has learned to appreciate the wonderful qualities of this great forage crop.

**SOUTHERN AMBER CAN FOR FORAGE AND PASTURE—**

The cane plant produces from three to eight tons per acre of cured forage and it will withstand drought and other unfavorable conditions that would mean death to any other crop.

**FETERITA**

(3 to 4 lbs. per Acre in Drills)

**Kaffir Corn**

**FETERITA**—A wonderful grain which has attracted considerable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. (3 to 4 lbs. per acre in drills)

**KAFFIR CORN**

**Kaffir Corn—White Seeded** An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears enormous wide leaves. The stalks are brittle and juicy not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy. Sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 lbs. to the acre. For fodder sow 40 to 50 lbs. either broadcast or in drills.

**BUCKWHEAT**

(35 to 40 lbs. to the acre)

Buckwheat because of its rapid growth is used in many places as a weed preventive and while more commonly grown for milling purposes it finds quite a common use in the northwest as an added variety to grain mixtures for poultry feeding.



**FLAX**

**Reserve**—This Flax has proven itself to be the best yielder of any strait variety at the Bozeman Experiment Station giving an average yield over three years of 27.8 bushels per acre on irrigated land against the eight trials. Good results and yields are produced on irrigated land when sown with Spring Wheat or if sown alone on nonirrigated land following Sweet Clover, or a cultivated crop such as Corn, Beets, Potatoes.

**Russian**—The standard variety used in the northwest. It requires machinery to clean seed from any grain and this is especially true of flax. Cleaning Flax so as to make it right for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample, use the magnifying glass and compare it with flax from the farm or elevator and judge for yourself if our seed is worth all it costs. Treat your Flax with Semesan before seeding and use clean, plump, healthy seed.

Flax seed prospects are good. No danger of domestic production of Flax catching up with consumption. In 1928 the United States produced 19,321,000 bushels; but over 40,000,000 bushels were crushed for feed, etc., during the same year and the demand for linseed oil and meal (made from Flax) is increasing annually.

**SUNFLOWER**

(10 lbs. to the acre)

Sunflower is often used as a fodder crop but more particularly for silage. For those who feed ensilage or have silos, sunflower is perhaps the most practical crop to grow where quick growth, early maturity, and large tonnage are factors.

Sunflower ensilage is practically equal to corn ensilage in food value, and the tonnage per acre is invariably much greater. Sow sunflower seed at rate of about 10 lbs. per acre, and in rows, to permit frequent cultivation until plants are nearly 2 feet high. Mammoth Russian is the variety most in demand for feeding purposes.

**RAPE**

(Sow 3 to 3 lbs. to the Acre in Drill; 5 lbs. broadcast)

**Use of Dwarf Essex Rape**—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter, Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a catch of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not bleach, wash or drift. 9. To plow under as a green crop, adding humous to the soil, an element needed in grain-growing sections. When rape is sown broadcast 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated from 2 to 3 lbs. per acre will be enough.

**SWEET CLOVER—King of Fertilizers**

Sweet Clover

**Quickest, Most Economical, Most Convenient and Efficient of All Fertilizers**

Sweet Clover like alfalfa has the power to take nitrogen from the air and transfer it to the soil and do it quickly and cheaply. This fact is beginning to make an impression on the farmers of the Northwest where large farms and comparatively small supply of fertilizers are available. It is especially valuable to the large wheat farmer of Montana, Dakota, Washington and Oregon.

In these sections where land has been continuously cropped to wheat for a number of years it is becoming almost imperative to use some form of fertilizer and the only practical one at this time is sweet clover.

Sweet Clover can be planted early in the spring and allowed to make about a six inch growth then be plowed under as a green manure crop and the land prepared for winter wheat seeding with tremendously valuable results.

The biennial white or yellow sweet clovers go to seed the second year. Therefore if a land can be cropped to this clover for two years at least, two hay crops can be cut or pasture supplied during that time. Cut it for hay any time before it becomes tough or rank and then plow the stubble. You will have new land in productive value.

**To Whom It May Concern:**

Land that was continuously cropped to grain for 22 years and played out, I planted to Sweet Clover for two years and followed by Spring Wheat on spring plowing and with drought conditions made 17 bushels per acre. Then I summer-fallowed and planted the land to winter wheat. Had a hail storm and got 19% hail damage and in addition this land yielded me 49 bushels per acre net in the elevator.

C. M. BROOKS,  
Brooks, Montana.

**FOR PRICES—SEE PINK INSERT**





Field of Registered Wheat

The varieties listed and described below are offered primarily for their following merits: Increased yields, early maturing, trueness to type, name and variety.

Pure foundation stocks to occasionally replace your old and perhaps degenerated or mixed stocks has the same importance in your grain production as does a good registered bull to the herd in your beef production.

The cost of seed stocks cannot and should not be based on the price per hundred pounds of seed but on price per acre. The average increase in yield per acre of good pure adapted seed has proven that the purchase even at premium prices is economical. The quality of early maturity speaks for itself and under our varying frost-free periods in most sections of the state it is mighty good business to give that quality its proper emphasis when selecting your seed.

In choosing your seed read carefully the history, description, and performance of the Pedigreed Stocks listed below.

#### **"REGISTERED" HORN BARLEY**

An outstanding bearded two rowed hulled variety which has proven to be the best yielder under dry farmed conditions in Montana. At the Judith Basin Branch Station, Horn Barley has outyielded the best six rowed variety by about 5 bushels per acre. It is the leading variety at the Havre station. This variety is a pedigreed selection made by the Minnesota Experiment Station from stocks of Austrian origin. It is taller than other varieties of the two rowed class.

#### **"REGISTERED" TREBI BARLEY**

A bearded six rowed hulled variety which has proven to be the highest yielder under irrigated conditions. At Bozeman this barley has consistently produced more feed grain per acre than any other variety or kind of crop grown. It is rapidly displacing all other barley varieties in the irrigated sections of Montana and Idaho. It is a good performer under dry land conditions in the more favorable seasons. This barley is a pedigreed selection made by the Minnesota station from stocks originating in Turkey.

#### **"REGISTERED" VICTORY OATS**

This variety of oats is the best for general conditions prevailing in Montana. It is outstanding in quality having won World's Sweepstakes for seven consecutive years at the International Show. At the Bozeman Station, it has outyielded the Swedish Select by 6 bushels per acre. Victory Oats were developed from a single plant of the Probstir variety by the Svalof (Sweden) Station.

#### **"REGISTERED" MARQUIS WHEAT**

(Wheeler 10B Strain)

Through careful tests and observations made by the Agronomy Department of the Montana Experiment Station, the 10B strain developed by the famous Canadian Wheat Breeder, Seager Wheeler, was selected as the outstanding strain. This strain is remarkably free from bearded mixtures which are so evident in the original stocks of Marquis. It can be expected to outyield the ordinary Marquis by two to four bushels per acre under average Montana conditions.

#### **"REGISTERED" SUPREME WHEAT**

An early high yielding hard red spring wheat closely resembling Marquis. At Bozeman, Judith Basin and Havre experiment stations this variety has outyielded the best strains of Marquis by 6, 6½ and 2 bushels per acre respectively. It is recommended for most of the higher areas of the state and is being tested out in the eastern portion of the state, where its known susceptibility to rust attack may be a practical weakness. This variety was developed by Seager Wheeler, the Canadian plant breeder, from his original but somewhat unsatisfactory Red Bobs variety. The defects were avoided in the Supreme selection.

Our Fruit Tree and Shelterbelt Collections Will Save You Money  
FOR PRICES—SEE PINK INSERT



# STANDARD SEED GRAINS

## PREPARE NOW FOR SPRING

The demand for good seeds is insistent. The Department of Agriculture, Washington and State Experiment Stations are of constant benefit to farmers. Watch them—they will advise well. They consistently advocate good seeds of known origin. Our business is to supply the best. WE DO. The accumulated endeavor of years, as represented in our business, is at your service. Thousands of customers year in and year out can testify to our high grade seeds and to our service.

## OATS

**PRESIDENT**—An exceptionally good, plump, straight type, heavy yielding white oats. On general appearance (which is the important factor when offering your crop for market) this variety of oats has consistently, for the past four years, been superior to any we have listed.

**VICTORY**—The smallest spiklets bear a certain resemblance in panicle construction to the Golden Rain oat, but it is easily distinguished from the latter by its white, slightly bearded (not altogether awnless) grain. This variety is very highly recommended by the Montana Experiment Station because of its consistent high yield performance on both dry and irrigated land. It is the best dual adapted oat, in respect to either dry or irrigated conditions known.

**SWEDISH SELECT**—These originated in Sweden and for years have been one of the dependable standard varieties over the entire Northwest. Our stocks are selected from the best and purest obtainable, are of exceptional quality, thoroughly re-cleaned and graded.

**MONTANA WHITE**—A large plump, early maturing, very good yielding, white oats of splendid appearance and grade. A sample will convince you of their quality.



Sheaf of Our Seed Oats

**NOVELTY—"CORRIENTE" OAT'S**—A big White Oat—Big "Corriente" Oats do not lodge under excess moisture conditions and can withstand drought and heat better than other types.

They grow 3 to 4 feet high and have large heads frequently containing 75 to 110 kernels, all well filled. The large plump grains are nearly twice the size of Victory, Swedish Select or any of the standard varieties now grown. They are a Burbank production selected and improved from stock originally brought from Peru to America. Why not try a hundred pounds of this new variety? Our stock is slightly off color this season owing to frequent rains at harvest time. But germination is good.

## SPRING WHEAT

We want to especially call your attention to the fact that the Spring wheat varieties offered below are something superior to the ordinary standard varieties commonly offered.

In our hard red milling varieties of Marquis, Supreme and Garnet we furnished, on contract, pedigreed seed in every case, to our seed growers, who were in turn, under contract to plant on only clean summer fallow ground that had not been planted to wheat the year previous. These fields produced good, pure, straight line varieties for our customers. While we did not go to the additional expense of registering these fields, we can assure you that for all practical purposes you are receiving seed of the same merit as though it were registered.

**MARQUIS**—Our Marquis seed offered is grown from the pure 10B strain which has proven itself to be the highest yielding, earliest maturing strain of Marquis for Montana hard spring wheat sections. Chief characteristics are that it is beardless, good straw, fine milling qualities and highest yielding and earlier maturing than ordinary Marquis. Our seed was grown from 1929 pedigreed stock.

**SUPREME**—In the Spring wheat sections Supreme is becoming so well and favorably known that nothing new can be said about it. At the Bozeman, Judith Basin and Havre stations it has outyielded the best strains of Marquis, and throughout the State generally is maturing from two days to eight days earlier than Marquis. It has the appearance of Marquis, very high milling qualities and very resistant to disease. Our Supreme was grown from 1929 pedigreed stock.

**FEDERATION**—Imported in 1914 by the U. S. Department of Agriculture. In a five year test at the Aberdeen Station, under irrigation it outyielded all other varieties by 4.9 bushels per acre. It has a medium short strong straw, is a good stooler and beardless. It is recommended as having better quality than the Dicklow or Club varieties and weighs more per bushel. H. L. Cram, our grower, who has produced our Federation seed for several years and was formerly a producer of Club wheat, says that it averages ten days earlier than Club wheat, yields as heavily and requires less water. Our Federation is the Not white, not hard variety, and has satisfactorily replaced the Club types.

**SOFT SPRING WHEAT**—Strong straw and heavy yielding variety, particularly well adapted to most of the irrigated districts of the northwest. Absolutely pure Soft Spring is practically impossible to obtain but our stock has an exceptionally low percentage of other wheat.

**DICKLOW WHEAT**—The heaviest yielding variety of all soft spring wheats under irrigation. It is a selection by Richard Low from other club wheat varieties in Utah. Because of its quality and yields it attracted much attention and there was soon a large demand for Dick Lows wheat. Our seed stock was grown in the Helena Valley and yielded nearly 70 bushels per acre.

## WINTER WHEATS

Before seeding time write us for recommendations on new adapted varieties, treatment recommendations, and prices.

**Disinfection of Seeds**—Before planting, to combat many destructive seed-borne fungi and protect against certain harmful soil-borne organisms, has become the standard practice of progressive farmers throughout the country.

**The Grain Farmer**, however, has in the past been handicapped in his efforts to control many of the important grain diseases because the treatments available to him have been far from adequate for the purpose.

**For Wheat**—Ceresan is very effective in the control of bunt or stinking smut and is recommended for the control of seed-borne flag smut. Ceresan is a very fine, gray dust, the chemical constituents of which do not cause corrosion of metals. Therefore Ceresan should not clog the drill nor cause injury to its metal parts as is the tendency of some dust disinfectants.

**On Oats**—Excellent control of loose and covered smuts may generally be obtained by seed treatment with Ceresan. Ceresan is much easier to apply than the old liquid treatments and has no injurious effect on the seed.

**NOW**—A single disinfectant, CERESAN, to treat your Wheat, Oats, Barley and other Cereals

### 9 important cereal diseases controlled by CERESAN

- |  |                                 |
|--|---------------------------------|
| 1. Bunt or stinking smut of wheat.                             | 5. Covered smut of barley.      |
| 2. Flag smut of wheat (seed borne).                            | 6. Loose smut of oats.          |
| 3. Stripe disease of barley.                                   | 7. Covered smut of oats.        |
| 4. Loose smut of barley in certain six-rowed winter varieties. | 8. Kernel smuts of sorghum.     |
|  | 9. Seed-borne stem smut of rye. |

### Advantages of CERESAN—Harmless to Seed

A dust treatment—easy to apply. One disinfectant for most cereals. Convenient and economical. (Directions with every package).

See Page 130 for Prices

FOR PRICES—SEE PINK INSERT



**SPRING RYE**

**PROLIFIC**—This outstanding variety of Spring Rye is very appealing on account of its attractive appearance and size of the kernel. Our crop averaged 40 bushels per acre in the rather unfavorable season of 1930, which we consider was excellent.

If your seed is running out or you wish to get a new start try Prolific, it's worth while.

**SPRING RYE**—True stock. Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.



Spring Rye—Yield 22 bu. per acre on dry land

**FALL RYE—(For Spring Use)**

Fall Rye planted in the Spring on either dry or irrigated land for pasture purposes gives surprisingly satisfactory results. The stooing characteristics emphasized by the Spring conditions makes an early abundant pasture.

**FALL RYE—Amber**—Winter Rye is much hardier than Wheat and can be grown in a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th—1½ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2¼ in. deep there will be less danger of Winter killing. Our seed is selected, graded, and thoroughly cleaned.

**FALL RYE—Rosen**—Rye cross-breeds like corn. In this respect it differs from wheat, which will not cross fertilize if two or more kinds are grown together for years. To keep a pure rye pure, it should be grown away from a common crop, like you must grow yellow corn distant from white corn.

Farmers who have grown rye know that 15 to 20 bushels per acre is about what they can expect. Such farmers, who, changed to the Rosen Rye, are now getting 25 to 30 bushels, and 40 to 50 bushel yields are not very uncommon.

**SPELTZ**

**SPRING SPELTZ OR EIMER** is very similar to Barley in appearance and growth, and is especially adapted to the semi-arid districts of the Northwest and can be relied upon to produce a fair crop even under the most adverse conditions. It produces heavy yields of grain, and straw which is equal in value to oat straw. Its extreme hardness and drought resisting qualities, together with yielding qualities that surpass any other cereal makes it a grain of the utmost importance to the farmers in the North and Northwest.

Our seed stock has been bred up from the most hardy, high yielding strains, and has been carefully recleaned and graded and we believe that we are in a position to furnish you with the best that can be produced, and we know that it will prove to be the cheapest and best feed which you have ever grown upon your farm.

**GROWING THE CROP**

**Soil**—It will grow on any soil or in any climate where any other grain crop will grow.

**Preparation of the Seed Bed**—It can be sown on ground prepared the same as that upon which you would plant barley, wheat or oats. It is sown broadcast or by the use of a press drill.

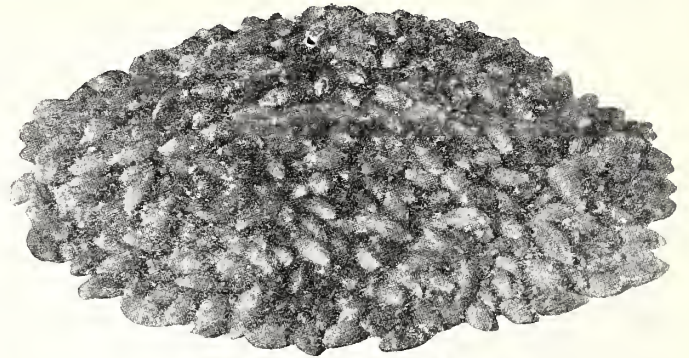
**Harvesting**—Cut the grain when it is a little past the milk stage, when it will make splendid grain and lots of straw.

**SAMPLES**

We are always ready and willing to send samples of all grass and field seeds for your inspection. Don't hesitate to write and request samples in these lines at any time. We want you to know just what our seeds are before you buy and we will ship exactly the quality we furnish as sample.

FOR PRICES—SEE PINK INSERT

ASK FOR QUOTATIONS ON QUANTITY ORDERS



White Hulless and Beardless Barley

Except for Fausta blue hulless barley the white hulless is in largest demand by feeders when obtainable. Either the white or blue hulless barleys certainly have a very definite place in the cropping program of every irrigated or sub-irrigated farm. Under favorable conditions white hulless will do well on dry land and will produce a feed practically equal to corn.

Plant about 50 to 60 lbs. per acre.



Barley—Faust's Blue Hulless and Beardless

**FAUST'S BLUE HULLESS AND BEARDLESS BARLEY**

Is the latest improved strain of the blue hulless varieties. Besides the added characteristic of being beardless it has proven itself to be far the highest yielding of all hulless types. The feed value of this variety is the highest of all barleys and 35 to 40 bushel yields are very common.

**BARLEY**

**TREBI**—A 6 row introduction especially suited for irrigated lands. Bozeman reports their average for the two past seasons as 95 bushels per acre. Aberdeen Station (Idaho) reports average yield for 8 years, 79.8. Trebi requires less time to mature than Chevalier. The straw is of medium height, and fairly stiff, so that it is less likely to lodge than other varieties. Recommended principally for irrigated land.

**HORN BARLEY**—An outstanding bearded two rowed hulled variety which has proven to be the best yielder under dry farmed conditions in Montana. At the Judith Basin Branch Station, Horn Barley has outyielded the best six rowed variety by about 5 bushels per acre. It is the leading variety at the Havre station. This variety is a pedigreed selection made by the Minnesota Experiment Station from stocks of Austrian origin. It is taller than other varieties of the two rowed class.

**HANNCHEN**—Two Row, has for years been known as one of the best and most consistent yielders of the two row type. It is generally so well known that no detailed review of its performance or characteristics is needed.



# State Nursery and Seed Co's. Seed Corn

HIGHLY YIELDING—DEPENDABLE

HOME GROWN

GOOD GERMINATION

ADAPTED STRAINS

NONE BETTER

KNOW IT WILL GROW

We have taken special care and have spared neither time nor effort in the selection of our seed corn stocks. Our representative makes personal inspection and investigations and obtains the cooperation of the county agent for recommendations and history of approved seed corn stocks.

We pay particular attention to selecting the earliest strains of each variety offered. Especial emphasis is given to type, yield and germination.

We thus reduce your risk, increase your yields and for ourselves obtain a booster and a customer for years to follow. The benefit becomes mutual.

## DENT CORN

**NORTHWESTERN DENT**—Northwestern Dent is generally conceded to be the most popular variety in the semi-dent class. It is not only early maturing but is an excellent yielder in grain production or from a silage standpoint in tonnage per acre; under average conditions it will mature in from 85 to 100 days.

Our strain of Northwestern is from a week to ten days earlier than the standard Minnesota strain and matures consistently in most parts of Montana, Wyoming, the Dakotas and Idaho.

The plants grow from 5 to 7 feet high and the ears are 12 to 14 rows and from 5 to 7 inches long.

**MINNESOTA 23**—Minnesota 23 is a white capped yellow dent. Our seed should not be confused with the mixed late strains of this variety commonly offered. Our stocks have been produced from the popular certified Coleman early and Typy strain. It is one of the very earliest of the semi-dent group, maturing in from 85 to 95 days. It is non-suckering, carries ears at a convenient height for the harvesting and is a good yielder. Fast gaining over the other semi-dents in popularity, especially under slightly unfavorable conditions.

**PIONEER WHITE DENT, or RUSTLERS WHITE DENT**—This is now recognized under the general name of Pioneer White Dent and is the earliest of the true dent varieties, maturing in from 85 to 95 days under average Montana conditions. It is not only a dependable grain producer but also a fair silage producer if desired for that purpose. It is predicted that Pioneer White Dent will be more in demand than usual after the very favorable showing made during the past year under most unfavorable conditions. Our stocks are from popular Montana strains.

**FALCONER**—Every year this wonderful semi-dent proves more and more its very great value to the Northwest. Acclimated by nearly forty years of growing, and carefully selected, it improves each year. It is earlier than any of the dents, and heavier, being a descendant from the original native Indian corn, and it has consistently outyielded all other sorts year in and year out with us. It will grow and develop in cold weather when other more tender sorts stand still. The color is a somewhat uneven yellow, rows eight to twelve, and ears very large. It grows tall enough on the stalk to be handled with a corn binder.

**SEMESAN Jr.**—This modified form of the patent product, Semesan, is exclusively a dust disinfectant used principally for the ear, root and stalk rots of field and sweet corn but also for the treatment of cereal infections. Under Government-conducted field tests, Semesan, Jr. increased the crop yields from diseased field corn seeds by approximately twenty bushels to the acre and from similarly diseased sweet corn by as much as 47.7% with an average of practically 12%. See page 130.

All Corn Listed Above is Montana Grown and Has Germination Test of 90% or Better

**MINNESOTA 13**—Minnesota 13 has rightfully earned its high rank as a Montana corn. It yields well and matures early, although not quite as early as the other dents or semi-dents mentioned, its average being from 90 to 105 days, which makes it safe as a Montana corn under anything like normal years. The strain we offer has been a remarkable yielder and for the past seven years has matured at an altitude over 3400 feet. This corn is popular, due to its being practically non-suckering and is especially popular under the more favorable conditions and for silage purposes.

**BROWN COUNTY DENT**—This variety has in the past few years become quite popular. Although very similar to Minnesota No. 13 and maturing in about the same time under favorable conditions it has some advantages, probably on account of its being a bit more flinty. When the season is not so favorable its general habits and appearance, its growth and yield are almost identical with Minnesota No. 13.

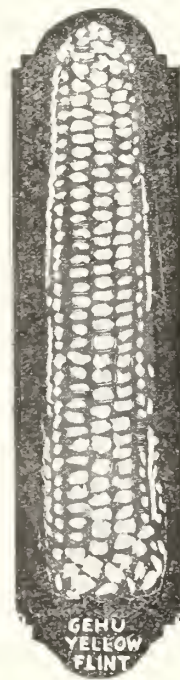
## EARLY FLINT CORN

**GEHU**—The best known of our native early flints, might well be called the universal corn. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a corn binder.

**NORTH DAKOTA WHITE FLINT**—North Dakota White Flint is one of the earliest of the standard varieties of flint corn. It is a low growing type from 4 to 5 feet and matures in about 80 days. It is especially adapted to early hogging down as the ears grow close to the ground.

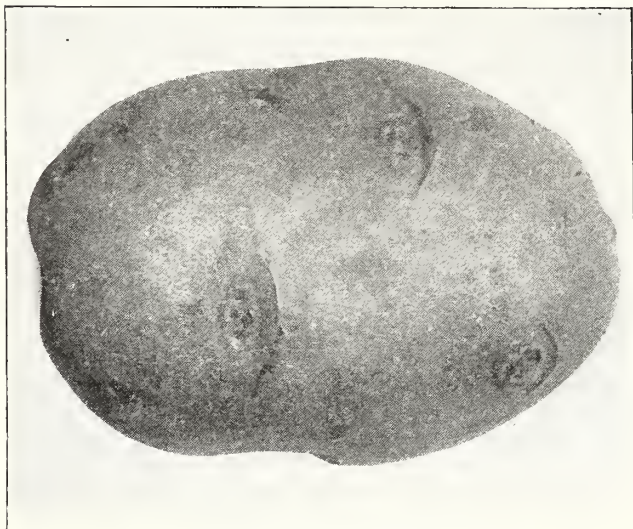
**THE ORIGINAL DAKOTA SQUAW OR RAINBOW FLINT**—This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its extreme earliness, and its unusual hardness. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed.

These corns are dependable high yielders of ear corn and are especially resistant to drought. They mature in from 70 to 90 days. Popular for hogging off.





# SEED POTATOES



**Early Ohio Potato**

## TRIUMPH

This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose. Tubers are medium size, round, and uniform in shape, with but few small ones; eyes slightly depressed; color a beautiful light red. Its beauty, productiveness, and good qualities in general make it one of the best early market varieties, bringing highest prices on account of its appearance. We recommend this variety for early use only.

## EARLY OHIO

The Early Ohio Potato is so generally known that it requires no extended description. It is more popular than any other early variety, as shown by the greater number of sales for seed stock.

**SHIPPING NOTICE**—Owing to the uncertainty and danger of freezing when shipping by parcel post, we request that shipments be ordered by express or freight when possible. Otherwise for our customers protection we may be forced to delay delivery.

Our stocks of good early potatoes will be limited but we will do our best to fill orders in rotation as long as the supply lasts.

## IRISH COBBLER

An excellent early variety of a roundish type with a creamy white skin. A fine yielder and a sturdy vigorous grower.

Extra fine quality for family use in Fall and early Winter and in our estimation the best main crop, round white variety, grown.

## NETTED GEM

Sometimes called the **Russet Burbank**. A splendid main crop late potato with brownish russet skin, flesh with shallow eyes, rather long shape. Netted Gem is an excellent yielder, very regular in size, and is unsurpassed as a baking potato. The tubers present an excellent appearance, and are splendid shippers.

## LEggerini's EARLY ITALIAN

From a half dozen seed potatoes brought from Italy, our grower, Mr. Leggerini, in the past four years has produced and increased his acreage until this year we have a limited amount of this exceptional early potato to offer.

The Leggerini Early Italian in type is similar to the Early Ohio although varying slightly in some characteristics. In the four years produced here it has proven itself to be exceptionally early, is light in color and the meat white throughout. For the past three years we have had an opportunity to study this potato and from the standpoint of early maturity, yield and keeping qualities we know of no early potato that is its equal.

## TREATMENT FOR POTATOES

**DIRECTIONS FOR APPLYING SEMESAN BEL**—For the treatment of surface-borne diseases of potatoes or other tubers, bulbs, corms and roots, applications of Semesan Bel may be made in either dust or liquid form. While potatoes or other tubers for planting may be treated with liquid or powdered Semesan Bel either before or after cutting, according to the grower's preference and convenience, we recommend applying Semesan Bel as a dip to cut seed pieces, because while dusting produces excellent practical disease control, liquid applications may be expected to produce still better results. The latter method of treatment is the quickest, most practical and economical and also prevents the distribution of the spindle sprout disease by any contamination with the cutting knife. However, according to the facilities available and individual choice, any of the following methods may be employed for the successful application of Semesan Bel.

**Dip Method**—Into ten pounds of water (approximately five quarts) which should be vigorously stirred, pour slowly one pound of Semesan Bel, making a thin paste similar to whitewash. Use a barrel, wash tub or any common container, excepting one of aluminum to hold the stock of Semesan Bel Mixture and use another tub, half barrel or vat, in which to treat the seed pieces.

Before treating dirty potatoes or other bulbs, corms, roots and tubers, wash them by drenching with a hose or immersing in a tub of clean water. Then place them in a wire basket (one can easily be made from one inch mesh chicken wire) or any similar open side container and simply dip it with its load of seed into the Semesan Bel Mixture until all seeds are completely covered. Then remove immediately, allowing excess liquid to drain back into the treating tub. The seed pieces may be planted right after this treatment or else dried for future planting.

The Semesan Bel Mixture in the treating tub may be used as long as it lasts but fresh material from the stock supply should be added frequently to maintain the original level of the disinfecting solution. Whole treated potatoes should be dried before cutting and will show a thin coating of Semesan Bel which cannot readily be rubbed off by normal handling. Cut seed pieces must be disinfected immediately after cutting to protect against contamination by spindle sprout from the cutting knife. Potatoes treated with Semesan Bel dip after cutting may be planted as soon as possible following disinfection as complete drying is not necessary, although it is advisable to allow a brief time, in the case of machine-sown seeds, for the disinfectant mixture to set so that the seed pieces will not stick in the planter.

SEE PAGE 130 FOR SEMESAN DISINFECTANTS

ASK FOR PAMPHLETS—STATE NURSERY AND SEED COMPANY Wholesale Distributors of DUBAY SEMESAN



# State Nursery and Seed Company's PEERLESS POULTRY AND DAIRY FOODS

CONCENTRATES AND MINERALS

HELENA, MONTANA

Home grown feeds need the addition of concentrates and minerals for satisfactory results. We use Montana ingredients wherever possible.

Our Dairy feeds contain molasses, linseed meal, cottonseed meal, grain, gluten meal and minerals. This feed is a real milk producer and keeps your cows in good condition.

## PEERLESS TURKEY GROWING MASH PEERLESS TURKEY FATTENING MASH

Our turkey mashes are especially constructed to aid in building breast bone, good frame and fleshing, with sufficient mineral and nutritive content to build vitality and general disease resistance.

We believe you will say, just as a prominent turkey breeder has said, after trial, that neither your turkeys nor yourself are satisfied without it.

## PEERLESS HEN SCRATCH FEED

A combination of seven varieties of grain in the proper proportions to make a well balanced ration. A scratch feed is most necessary to encourage exercise but to enable the hen to make the best and most economical use of her scratch it should be accompanied by a good laying mash such as Peerless or Pratt's.

## PEERLESS EGG MASH

Properly balanced for egg production and containing the proper amount of cod liver oil. We guarantee its satisfaction and comparative food value with any mash on the market. The value of our mash rests in its highly concentrated food value. Being relatively rich in proteins compared with other forms of feed it supplies those elements entering into the manufacture of eggs and the building of bone, flesh, feathers and nerves. These last are, of course, all vital to economical production. The results of our increasing sales tell the story and a trial will furnish ample proof to any poultryman.

## PEERLESS LITTLE CHICK SCRATCH FEED

For Chicks from 1 to 3 Weeks Old

A good clean wholesome ration of finely milled grains, attractive and appetizing, the necessary factors to stimulate and encourage exercise. We recommend starting baby chicks on Peerless Buttermilk Baby Chick Mash and after one week of age adding the little chick scratch to the daily ration. Feed the scratch rather lightly in the morning but add plenty for afternoon feeding.

## PEERLESS GROWING RATION SCRATCH FEED

For Chicks from 3 to 7 Weeks Old

Similar to little chick scratch but a size larger. As a chick develops in size the size of the scratch requirements naturally increases.

## PEERLESS GROWING MASH

We recommend the tapering off from chick mash to growing mash at the age of six weeks. Probably the most safe and satisfactory way is to increase the growing mash and decrease the chick mash about 10% per day until the change is completed. Peerless growing mash is made to build muscle, bone and feathers. Every ingredient is included in the right proportion and is pure, clean and wholesome. Furthermore you are getting standard and uniform quality at a very economical price.

## PEERLESS DEVELOPER SCRATCH

For Chicks from 8 Weeks to Maturity

A combination of the best grade of carefully cleaned grains prepared for growing birds from about eight weeks old to maturity. It is always advisable to feed a mash with a scratch food and we recommend either Peerless or Pratt's growing mash.

## PEERLESS FATTENING MASH

A good fattening food contains a high percentage of nitrogen-free extract (the starches and sugar in feed) which is the real fattening material.

In preparing our Peerless Fattening Mash we have taken special care to use only the ingredients that are palatable and easily digested.

For quick results it is necessary that the fowls eat and digest the largest quantity of the proper food. It is also quite necessary for the most economical and quickest results to pen up the fowls very closely.

## CRUSHED BONE

contains lime, phosphoric acid, protein and fat, all of which are indispensable in the manufacture of the egg. Phosphoric acid being necessary for the egg yolk and protein for the white, or albumen.

## GENUINE CRUSHED OYSTER SHELL

The absence of carbonate of lime in the hen's diet causes either a soft-shelled egg, or no egg at all. A hen must have all the necessary parts to turn out a complete product, just as any other manufacturer.

## CALCITE

(A Montana Product)

Fed and used the same as oyster shell but more valuable as a feed because of increased palatability and an increase of more than 45% in digestibility.

All forms of poultry take to calcite as readily or even more readily than to oyster shell and usually with beneficial results in growth, production and egg shell construction.

Calcite eliminates the necessity of feeding either grit or oyster shell and fills both needs to better advantage.

## SUNFLOWER SEED

of which the oil content is the chief element. Aids in plumage growth but should not be fed heavily except as an aid to hasten moulting.

## VITAMONT

This product has displaced the ordinary packing house "Meat Scrap" by many critical poultrymen. Its high protein content and digestibility by the birds and its appetizing qualities warrant its general use. Keep some before the birds at all times.

## CHARCOAL

contains the digestive and purifying elements. Acts as a necessary natural regulator.

## GRIT

Almost serves as a substitute for the hens lack of teeth, aiding in mastication and assimilation of food.

We always send hen size unless otherwise ordered.

## PEERLESS CHICK STARTING MASH

Peerless chick starter is a trouble preventer; not a trouble shooter. It will not cure them after they are sick but will keep them from getting sick.

Liquid milk causes more trouble than any other one feed, yet they must have milk. The dishes must be scalded every day. The milk must be the same temperature, the same quality. If it is fed sweet it must be kept sweet. If it is fed sour it must be the same all the time. Any variation will cause bowel trouble. Avoid all this trouble by feeding the milk dry in a mash.

Peerless chick starter contains enough milk for the chicks without feeding any in liquid form.

Peerless chick starter contains all the essential feeds necessary for the chick, when fed with a good grade of chick scratch. It contains all the vitamins, proteins, carbohydrates and fat needed. It is low in fibre.

If you would raise chicks with the least care and have less mortality, raise them on Peerless Chick Starting Mash.

## PEERLESS CHICK STARTING MASH

(With Buttermilk)

In thirty years of raising chix we never had as many chix from as many different flocks, we never had as high percentage of livability, we never had as rapid growth and we never had as strong and sturdy chix as we had last season when feeding Peerless Chick Mash.

J. R. Scott,  
Great Falls, Mont.

Our Feed Business is Rapidly Increasing Because our Customers Actually Find Our  
Feeds are an Economical and a Paying Investment



POULTRY  
HEALTH

## PRATT'S

MEANS  
PROFIT

## POULTRY AND ANIMAL REMEDIES AND SUPPLIES

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

PRATT'S POULTRY REGULATOR AND  
EGG PRODUCER

"Helps Make Hens Lay"

Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance. Price 4 lbs., 65c; 12 lb. sack, \$1.75; 25 lb. sack, \$3.00; 100 lb. sack, \$10.50.



NOTICE—If wanted by mail add postage.

## PRATT'S LICE KILLER POWDER

One of the most perfect lice killers especially valuable for use on young chicks and setting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick.

Price: 1 lb., 30c, postpaid, 38c; 2½ lbs., 60c, postpaid, 72c; 6½ lbs., \$1.20, postpaid, \$1.42.

FOR BABY CHICKS  
SEE  
PAGE 126



## PRATT'S HEAD LICE OINTMENT

Thousands of little chicks are killed each year by head lice. Pratt's Head Lice Ointment is a carefully prepared non-poisonous article and is instant death to the murderous lice, while it is absolutely harmless to the little chick. Price, tubes, 30c, postpaid, 35c.



## SPECIAL COMPOUND FOR CHOLERA

Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls this remedy is excellent. As cholera is very contagious, Cholera Remedy should be kept on hand by every one who raises little chicks.

Price, 30c, postpaid, 33c; large size, 60c, postpaid, 68c.



## PRATT'S HEALING OINTMENT

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbwire cuts, as well as skin eruption, eczema and itching are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price, 35c, postpaid, 38c.



## PRATT'S CONDITION TABLETS

An easy and effective remedy for "run-down" birds. Keeps show birds in condition and prevents colds, roup and liver trouble. Price, 20c, postpaid, 32c.



## PRATT'S GAPE COMPOUND

Millions of chicks are lost every year through "gapes." A little red worm in the wind pipe, which cause death by strangling. Pratt's Gape Compound is the most effective guaranteed method of treatment known. Gives sure and quick relief. Price, 35c, postpaid, 38c.

## PRATT'S LICE SALVE

Some folks prefer a lice killer in the form of a salve that can be applied directly to the hens. Such salves are quite as effective as powders and are generally more lasting. Pratt's Lice Salve is a powerful economical, non-irritating salve, put up in a convenient tube form which prevents waste, retains strength and makes application easy. Large tube, 60c, postpaid, 65c.

## PRATT'S CHICK TABLETS

(Formerly Called Diarrhoea Tablets)

"The Baby Chick Life Saver"

This is one of the greatest chick life savers ever put on the market. Thousands and thousands of little chicks die each year from the fatal white diarrhoea. It carries off from 60 to 75 per cent of all chicks hatched. Pratt's Chick Tablets in the drinking water kills the specific organism which causes the disease, and saves the hatch. Used as a preventive when hens are laying, because it will prevent this deadly organism from developing in the egg. If a hen is used for hatching give her Pratt's Chick Tablets in the drinking water so there will be no chance of infection from droppings. This is preventive treatment.

Price, 30c, postpaid, 32c. Large size, 60c, postpaid, 63c.



## PRATT'S R. P. TABLETS

(Formerly Called Roup Tablets)

This wonderful remedy is used in every civilized country in the world. The reason is it cures. It is for fowls that sneeze, gasp and wheeze, also for those having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys. Pratt's R. P. Tablets will save your fowls and turkeys and make them profitable. In powder or tablet form.

Price, 30c, postpaid, 33c. Medium size, 60c, postpaid, 66c. Large size, \$1.20, postpaid, \$1.30.



## PRATT'S SCALY LEG OINTMENT

This disease is caused by a parasite working underneath the scales of the feet and legs, often making it difficult for the bird to walk. Scaly leg is contagious, and while not fatal, is injurious to the bird and its sale value as well as its usefulness. It is simple to apply and is guaranteed to cure. It is also excellent as a dressing for the feet and legs of show birds, increasing their "point" value and putting them in the very best possible condition as prize winners. Price, 35c, postpaid, 40c.



## PRATT'S POULTRY WORM POWDER

For use in the treatment of Round Worms, Tape Worms, and other Intestinal Worms of Poultry and Turkeys. Thousands of chickens and turkeys, young and old, are lost annually through the ravages of worms. One chicken saved will pay for sufficient powder to treat a large flock. Powerful, efficient, easy to use. Blackhead is usually caused from worms. Price 2 lb. pkg., 60c, postpaid, 72c. 4½ lbs., \$1.20, postpaid, \$1.35; 12 lb. sack, \$2.20, postpaid, \$2.45; 25 lb. sack, \$3.85, postpaid, \$4.29; 100 lb. sack by express or freight only, \$13.25.



## PRATT'S N. K. TABLETS

"Poultry Worm Tablets"

Pratt's N-K Tablets (Nicotine & Kamala) will do the trick. Each tablet consists of the proper dose of nicotine and kamala encased in a special insoluble coating. Since authorities are agreed that these ingredients are the most effective known and will give positive results. When a fowl swallows a Pratt's N-K Tablet, it passes unchanged down through the throat, crop and glandular stomach into the bird's gizzard.

There is no simpler, safer, surer or practical way to treat a bird for worms than by the use of Pratt's N-K Tablets. The advantages of individual treatment of poultry for worms lie in the fact that this method permits giving each fowl a definite, positive and proper dose. The results are sure and prompt.

Adult size, 50 tablets, \$1.00; 100 tablets, \$1.75; 500 tablets, \$7.00. Chick size, 50 tablets, 65c; 100 tablets, \$1.00; all postpaid.



SEE FIELD SEED SECTION FOR SEED POTATOES



CLEANLINESS  
MEANS

## PRATT'S

POULTRY  
HEALTH

## POULTRY AND ANIMAL REMEDIES AND SUPPLIES

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.



PRATT'S  
DIP AND POULTRY DISINFECTANT  
"For Livestock and Poultry"

This disinfectant is a real wonder worker, a quick, effective germicide, insecticide and deodorant. It is unsurpassed for effectiveness in stables, barns, poultry houses and yards and for use on dogs, cats and pets generally. Its pleasing clean odor makes it admirable for household use. Considered the best disinfectant on the market today. Price, quart, 75c; ½ gal., \$1.25; gal., \$2.25. By express or freight only.



## PRATT'S RED MITE SPECIAL

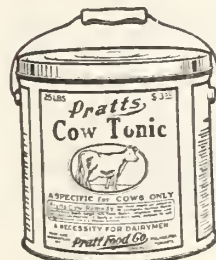
Is the most powerful liquid lice killer and mite destroyer ever put on the market. Painted and sprayed around the poultry house according to directions it will keep it free of these blood-sucking pests. Economical, powerful, non-poisonous, safe, sure and guaranteed. Few liquid lice killers are effective against red mites, ticks, fleas, etc. Pratt's Red Mite Special knocks them all. Quart, 75c; ½ gal., \$1.25; gal., \$2.25.

Liquids Cannot be Sent by Parcel Post

## PRATT'S COW TONIC

Cow tonic increases the milk supply and makes it rich in butter fat. Cow tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours. A wonderful all round tonic.

Price, 2 lbs., 65c, postpaid, 77c; 4½ lbs., \$1.25, postpaid, \$1.40.



BABY CHICKS—How to feed and care for them.  
NEW POULTRY WRINKLES—  
COMMON POULTRY DISEASES—

## PRATT'S BOOKS FREE

RED MITES—Use Red Mite Special.  
HAND SPRAYERS—For Pratt's Fly Chaser and Disinfectant, etc. See page 134.

## PRATT'S POULTRY AND ANIMAL FEED

"Brains can Think of no Better, We can Make no Better, You can Buy no Better, Chicks can Want no Better."



PRATT'S BUTTERMILK BABY  
CHICK FOOD

## "JUST WATCH THEM GROW"

Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price, 5 lb. bag., 38c; 10 lb. bag., 70c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.25, F. O. B. Helena.

NOTICE—If wanted by mail add postage

## PRATT'S BUTTERMILK GROWING MASH

An ideal food for growing youngsters. The bone, muscle and feather builder, contains the proper ingredients to make bone, muscle, and good red blood.

25 lbs., \$1.20; 50 lbs., \$2.30; 100 lbs., \$4.40. F. O. B. Helena.

NOTICE—If wanted by mail add postage

## PRATT'S CHICK SCRATCH FEED

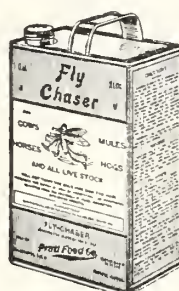
Pronounced by authorities everywhere to be the finest, cleanest, purest, most economical and highest quality chick scratch ever offered to the public.

25 lbs., \$1.00; 100 lbs., \$3.60; f. o. b. Helena.

NOTICE—If wanted by mail add postage

## PRICES ON POULTRY FEED—SUBJECT TO CHANGE

WHEN BUYING ALFALFA SEED BE SURE IT IS MONTANA GROWN



PRATT'S  
FLY CHASER  
(New Improved)

Why let your animals suffer needless torment from flies all summer long. Your cows waste time when standing in the pond or rushing through the underbrush trying to escape the constant torture of flies, mosquitoes and other winged pests. Your horses will do more work when relieved from fighting flies and save your time and trouble. Fly chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable and every barn. Price, ½ gal., \$1.00; 1 gal., \$1.75. By express or freight only.



Liquids Cannot be Sent by Parcel Post



## PRATT'S BAG OINTMENT

## (New Improved)

Milking trouble due to caked bag, sore teats, bunches and inflammation quickly reduced. Its penetrating, soothing and cooling qualities give relief. Use it freely for injuries to the udder, caused by scratches, blows or kicks or from being overdistended with milk, when delay may destroy the cow's value as a milker. Tubes, 35c, postpaid, 40c; large can, 60c, postpaid, 70c.

## PRATT'S BUTTERMILK LAYING MASH

This remarkable mash is the standard by which others are judged. Not alone theoretically right but proven by practical test to be the greatest "egg producer" ever made. There is a good reason for every ingredient in this splendid mash.

Pratt's Buttermilk Laying Mash produces more eggs at less cost per dozen and gives greatest profits.  
25 lbs., \$1.15; 50 lbs., \$2.25; 100 lbs., \$4.00.

NOTICE—If wanted by mail add postage

## PRATT'S CALF MEAL

## IT MAKES THEM GROW—SAVES MILK—SAVES MONEY

No dairyman will dispute the value of skim milk as a feed for calves, but in separating the milk you take out some most vital elements that nature intended the calf should have. The milk is robbed of life and health giving vitamins that are very necessary to the healthful and profitable development of the calf.

Pratt's Calf Meal is a scientific preparation that supplies these necessary food properties at a very reasonable cost, enabling you to sell your milk or cream and still have vigorous, rapidly-maturing calves that later make profitable producers. It supplies bone, muscle and tissue building elements.

It is mighty important for the calf raiser to develop his calves just as economically as possible. Every dollar saved in raising them is a dollar earned. Therefore, you will readily see that it pays to feed Pratt's Calf Meal because you can use it at less than half the cost of using milk. Pratt's is a milk-substitute of highest quality, which calf-raisers have used for years. It raises real calves at a real money-saving.

If used according to directions, Pratt's Buttermilk Calf Meal will be found to be the best milk substitute you can procure for your calves. Feeding directions in every sack. 25 lbs., \$1.50; 100 lbs., \$5.25, f. o. b. Helena.

NOTICE—If wanted by mail add postage



# Conkey's Y-O

**Concentrated Dry Powder Form of Yeast with Cod Liver Oil**  
Rich in Vitamins A, B, and D.

There is nothing finer than Conkey's Y-O to mix in with poultry mashes. Its use at every stage of growth is urged because of the great benefit. 1% in baby chick mashes serves as a prevention of leg weakness. Absolutely indispensable in raising chicks in backward season with little or no sunshine, as it is rich in vitamins A and D (the "sunlight vitamins"). In addition, the B vitamin in Y-O insures complete, rapid development giving birds capacity and stamina for future production. Wonderful for growing stock. Absolutely necessary for continued heavy egg production as it replaces the vitamins used up in forming rich egg yolks. Hens won't break down as layers if given 2%-3% of Y-O with mash feed. For breeding stock, it's wonderful as it improves quality of the eggs, fertility and hatchability. Stop low hatches and high chick mortality by mixing Y-O with the mash feed.

## NEW LOW PRICES

due to the increasing volume of Y-O business and economy in manufacturing, you get this saving.

Price—1 lb., 60c, postpaid, 70c; 2 lbs., \$1.10, postpaid, \$1.22; 5 lbs., \$2.25, postpaid, \$2.68.

By express or freight, 25 lbs., \$9.00; 50 lbs., \$16.00; 100 lbs., \$27.50.

## LEE'S GERMOZONE

A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most other poultry diseases. In more general use today than any other poultry diseases. Given twice a week in the drinking water to all fowls. It keeps them in prime condition. No poultryman should be without Germozone. Put up in tablets. Price, 25c, postpaid, 27c; large size, 75c, postpaid, 78c.

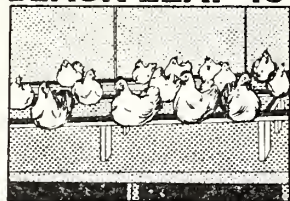
## "BLACK LEAF 40"

### DELOUSE ENTIRE FLOCK BY "PAINTING" THE ROOSTS WITH "BLACK LEAF 40"

Previous methods of controlling poultry lice have generally been laborious, expensive, disagreeable and difficult. Individual handling of the birds, as is necessary when using powders, ointments, or dips, requires tedious labor and usually interferes with egg production. The "Black Leaf 40" method does away with all handling of the birds and does not interfere with egg production. "IT WORKS WHILE THEY SLEEP."

When chickens perch upon roosts that have been "painted" with "Black Leaf 40," the heat from their bodies causes a slow release of fumes which penetrate the feathers and kill the lice, with no discomfort to the birds. The process goes on during the night, as the birds are sleeping, and furnishes the most desirable form of poultry lice control ever known.

## "BLACK LEAF 40"



**WORKS WHILE THEY ROOST**

10-lb. tin, by express only	\$11.85
Treats 1900 to 2400 running feet of roost	
5-lb. tin, by express only	\$7.00
Treats 950 to 1200 running feet of roost	
2-lb. tin, \$3.75	postpaid, \$3.90
Treats 385 to 480 running feet of roost	
1-lb. tin, \$2.50	postpaid, \$2.60
Treats 185 to 250 running feet of roost	
½-lb. bottle, \$1.25	postpaid, \$1.35
Treats 90 to 120 running feet of roost	
1-ounce bottle, 35c	postpaid, 40c
Treats 12 to 15 running feet of roost	

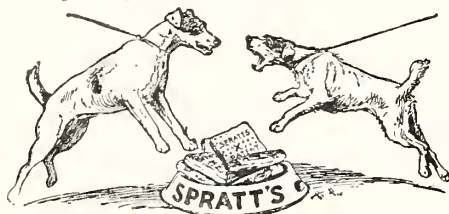
## IKTON

IKTON is absorbed by the animal body, goes directly into the blood. Here it performs its germicidal action; and conveys to the body its restorative and protective and curative qualities. IKTON is the greatest blood purifier known.

IKTON costs about 1c per month, per chick. And be assured of complete freedom from Coccidiosis. You get more rapid growth, better broilers, whiter meat, marked resistance to colds and disease. For \$1.50 a month you can maintain 250 hens, in better health, free from disease, with increase in egg production.

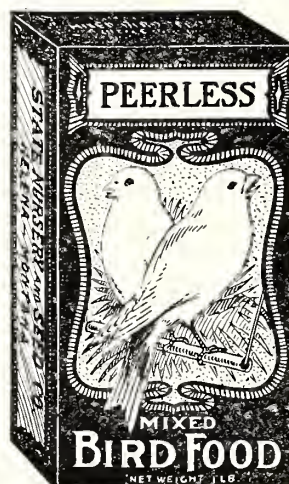
IKTON is 100% pure and non-poisonous. Put 1 oz. of IKTON in 100 lbs. mash for chicks, 2 oz. in 100 lbs. mash for mature fowls. See how far a pound goes. Results guaranteed.

Price: 1 lb. package, \$2.90, postpaid.



## S. N. & S. CO'S BIRD SEED

**PEERLESS BIRD SEED MIXTURE**—Has become famous for its superior quality. We use nothing but the freshest high grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. This mixture will keep the birds in song and in good health. Put up in 1-lb. lithographed cartons.



	Postpaid	By Express or Freight	At purchaser's expense	
	1lb.	2lbs.	5lbs.	10lbs. 25lbs.
BIRD SEED MIXTURE	28c	52c	\$1.00	\$1.75 \$4.00
CANARY—Best Sicily	28c	52c	1.00	1.75 4.00
HEMP—Best grade	25c	45c	.85	1.50 3.50
BIRD RAPE—For Birds	28c	52c	1.00	1.75 4.00
MILLET—For Birds	15c	25c	.50	.85
LETTUCE SEED—For Birds	15c	25c	.50	
SUNFLOWER	20c	38c		1.25

**BIRD SAND OR GRAVEL**—2 lbs., 15c; postpaid, 27c.

**CUTTLE FISH BONE**—Good for digestion and general health. Large piece, 5c; ¼ lb., 20c; 1 lb., 65c; postpaid.

## SPRATT'S BIRD FOOD



	Postpaid
SPRATT'S NESTING FOOD—Pkg.	35c 40c
SPRATT'S MOULTING FOOD—Pkg.	35c 40c
SPRATT'S BIRD TONIC—Pkg.	15c 17c
SPRATT'S LICE AND MITE KILLER AND BLOWER	30c 35c
SPRATT'S SONG RESTORER—Pkg.	30c 35c
For Canaries; revives the desire to be lively and sing more lustily.	
SPRATT'S SING SONG OR MANNA—Pkg.	15c 17c

## SPRATT'S DOG FOOD

### SPRATT'S FIBO

A nourishing and appetizing food containing Wheatmeals, Meat-Fibrine and pure yolk of egg. It is the ideal food for puppies from the time of weaning, and particularly suitable for shy and dainty feeders. It is a valuable frame, coat and flesh forming food and should be fed where a particular nourishing food is essential. Fibo makes an ideal change in diet for all breeds. Cats like it, too.

1 lb., 20c; postpaid, 29c; 5 lbs., 90c; postpaid, \$1.02; 10 lbs., \$1.75, postpaid, \$2.00.

25-lb. box., \$4.00; 100-lb. sack, \$15.00.



### SPRATT'S OVALS

Their name suggests their shape—about an inch long, and a quarter thick. They are really our Dog cakes in another form, compounded with other health-giving foods, making them esteemed both from the nutrition and utility points of view. Though small they are essentially nourishing, and while furnishing the staple food are excellent for all breeds.

1 lb., 20c, postpaid, 29c; 5 lbs., 90c, postpaid, \$1.02; 10 lbs., \$1.75, postpaid, \$2.00.

25 lb. box, \$4.00; 100 lb. sack \$15.00



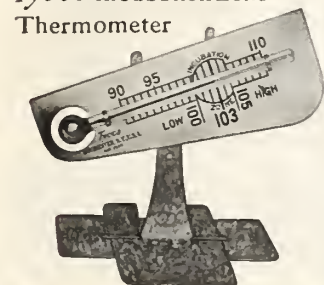
Spratt's Special Tablets for Distemper, postpaid	\$1.00
Spratt's Worm Capsules for Puppies, postpaid	.65
Spratt's Worm Capsules for Old Dogs, postpaid	.65
Spratt's Flea or Lice Powder, postpaid	.38
Spratt's Tonic and Condition Tablets, postpaid	.65



## INCUBATOR AND BROODER THERMOMETERS

Many persons using incubators and brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. Many a fine hatch is lost and many a fine brood of chicks killed by using a poor thermometer. Use great care in purchasing a perfect thermometer. Our thermometers are thoroughly tested and accurate, and are guaranteed by the manufacturers.

No. 5776

Tycos Incubation-Zone  
Thermometer

No. 5783



No. 5794

No. 5783 Incubator Thermometer—with stand retested and certified.....	Postpaid	
	\$1.15	\$1.25
No. 5776 Incubator Thermometer with stand.....	.90	.95
No. 5794 Brooder Thermometer Flat, metal fits any brooder .....	.65	.75

## TYCOS INCUBATOR HYGROMETER



The Tycos Incubator Hygrometer determines the relative humidity in the egg-chamber of any and all incubators. A practical and satisfactory device for the purpose. Direct readings are obtained instantly without use of tables or calculations.

Price, \$1.75, postpaid, \$1.85.

Hygrometer Wicks, 20c each, postpaid.

# CARBOLA

The Disinfecting White Paint

Disinfects and Paints at the Same Time—Saving Labor and Money

A white paint and disinfectant in dry powder form. Use instead of whitewash. Put on with a brush or sprayer. A snow white cold water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings. Carbola can be applied to wood, brick, stone, cement, plaster, board, tar paper, etc., or over whitewash or old paint that is hard and firm, but not glossy. The mineral pigment used has a greater fire resistance than asbestos. It is apparent that several coatings of Carbola will act as an efficient fire retardant.

A gallon (a pound of powder) covers 200 square feet.

For use out of doors add a pound of cheap glue dissolved in hot water for every 10 pounds of Carbola.

Carbola is used and endorsed by thousands of poultrymen, dairymen and breeders, and by many agricultural colleges and experiment stations. Give Carbola a trial—you never will regret it.

	Postpaid		Postpaid
5 lbs. ( 5 gals.)....	.75	25 lbs. (25 gals.)....	\$2.85
10 lbs. (10 gals.)....	1.25	50 lbs. (50 gals.)....	5.00
200 lb. sacks "By express or freight".....			\$18.00

## IMPROVED CHAMPION LEG BANDS

THE WORLD'S BEST



The oldest and best popular band on the market. This band is made in one piece and is adjustable to fit any fowl. They will stay where you put them. Held by double lock, it is impossible for them to lose off. Made of Aluminum. Price numbered only.

	Postpaid
1-12 .....	15c
1-25 .....	30c
1-50 .....	45c
1-100 .....	80c

Special numbers to suit, 25c per 100 extra.

## VICTOR LEG BANDS

Made of aluminum, adjustable, with large black numbers on blue background. A band that is easily attached and when once on will stay on until removed. Color—Blue or Red.

	Price	
1-12 .....	\$ .60.....	postpaid \$ .63
1-25 .....	1.20.....	postpaid 1.23
1-50 .....	2.20.....	postpaid 2.25
1-100 .....	4.00.....	postpaid 4.10



## SPIRAL COLORED CELLULOID LEG BANDS

Know Your Hens on Sight



For large and small birds, chicks and pigeons. Mark each bird for its pen. Give each pen a different color. Mark old birds and pullets differently.

Spiral Leg Bands have extra-long lap, making them strong and securing them from coming off.

In six colors—red, green, black, white, yellow, dark blue.

Be sure to order by Number or specify your breed and color wanted. NOTICE—Put up in lots of 12; 25; 50 and 100, only.

## SIZES

## American

No. 5 Pigeons.	
No. 6 Baby Chicks.	No. 11
No. 7 Bantams.	

{ Leghorns, Anconas,  
Campines, Buttercup,  
Polish.

No. 14 Turkey Hens, Geese.

No. 16 Turkey Toms.

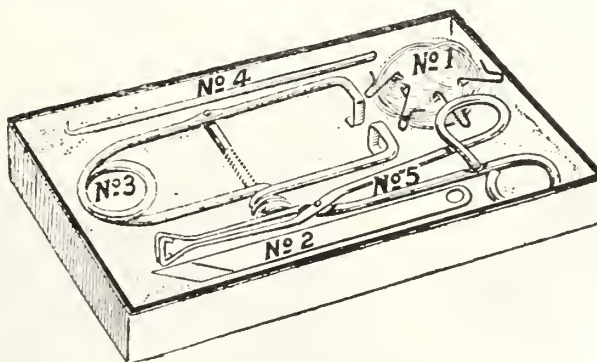
{ Asiatic  
Brahmas, Cochins.  
Cornish, Langshan,  
Pekin Ducks.

Nos. 7, 8, 11, 12, 14, Postpaid.	Nos. 5 and 6	Postpaid
12 Bands .....	.15	.17
25 Bands .....	.30	.32
50 Bands .....	.50	.52
100 Bands .....	.85	.87
500 Bands .....	3.10	3.15

No. 16 Turkey Toms—Doz. 20c, postpaid 22c.

25 .....	35c.....	postpaid 38c	100 .....	\$ .90.....	postpaid \$ .95
50 .....	55c.....	postpaid 58c	500 .....	4.25.....	postpaid 4.35

## DR. STANLEY'S IMPROVED CAPONIZING SET



Consists of the Following Instruments

1. Cords for quickly securing fowl to table.
2. Knife for making incisions.
3. Improved spring spreader for holding ribs apart.
4. Sharp hook to pick out the film-like skin after incision.
5. Testicle removing forceps.

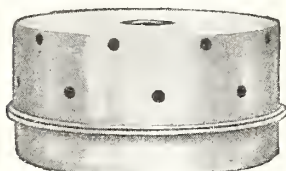
Full directions with every set. Per set, \$2.95, postpaid, \$3.10.



**LITTLE PUTNAM STOVE**

(New Improved)

The little Putnam stove is used under the drinking fountains in the poultry house to keep the water from freezing in the coldest winter weather.



The stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other

attention; the wick never needs trimming. This stove is absolutely fire-proof and non-explosive.

The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply. It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productivity.

The cost of running the stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to \$2.00 per season.

This stove really costs the poultryman nothing because the increased production of eggs during the first month's use will pay for the stove.

Price, \$2.00, postpaid. 3 for \$5.75, postpaid, \$5.85.

Price of parts for Putnam Stove; wick holder 10c each; wicks 20c dozen. Tank \$1.00; Burner 60c; Top 60c, postpaid.

**PUTNAM BROODER-HEATER**

(New Improved)

This can be used in any home-made brooder. The heater is so constructed that it acts like an open fireplace, carrying the foul air out and drawing the fresh air in, thus providing perfect ventilation automatically. Heat is radiated from above onto the backs of chicks, giving the natural and soothing effect of the hen, without the lice. The brooder heater is made of brass and galvanized iron and is practically indestructible. Every brooder heater is accompanied by easily followed directions for building the home-made brooder. At no price, high or low, can a brooder be bought so economical of both fuel and labor, so simple and easy to operate, so perfectly ventilated, or one which will so surely raise healthy vigorous birds. This brooder consumes less than a gallon of oil a month.

This fire-safe Putnam Brooder-Heater requires tending only once a week and can be relied upon to deliver a regular supply of heat.

This brooder will accommodate comfortably from 30 to 50 chicks.

Brooder-Heater, price \$4.75, complete postpaid.

Postpaid price of parts of Putnam Brooder-Heater: Top \$2.50; Tank, \$1.50; Burner, \$1.25; Wick Holder, 20c; Wicks, 40c per dozen, postpaid.

**MOE'S WINTER FOUNTAINS**

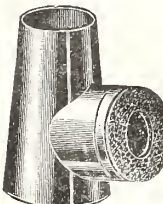
A simple and reliable fountain with heater. Made of heavy galvanized iron, easily filled, with nothing about it to get out of order.

The fountain has a capacity of 5 gallons, and the lamp holds sufficient kerosene to burn continuously for one week.

The fountain can be removed from the heater and used independently when desired.

Packed one in a box. Shipping weight 11 lbs. complete.

No. 75, each, \$3.95, postpaid, \$4.25.

**EGG TESTER**

To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg and show if the chick is alive, and also show the size of air cell in the egg.

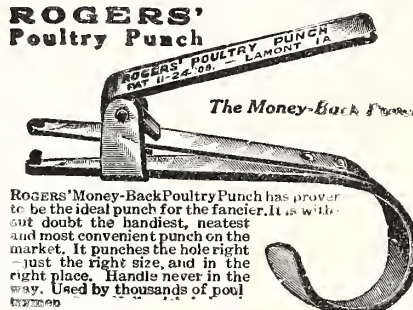
Price, 25c, postpaid, 28c.

Dear Sirs:—We feel that we owe our success in raising our chickens to the Putnam Brooder and must say it can't be beat. Next year we intend to raise a large number of chicks and turkeys and will depend on Putnam Brooder-Heaters and Pratt's Buttermilk Baby Chick Food to bring them through.

Very sincerely,

MRS. T. F. M.

Whitefish, Mont.

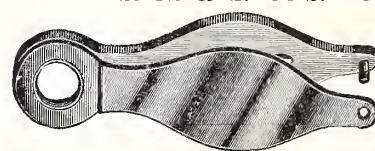
**ROGERS' POULTRY PUNCH****ROGERS' Poultry Punch**

Rogers' Money-Back Poultry Punch has proved to be the ideal punch for the fancier. It is without doubt the handiest, neatest and most convenient punch on the market. It punches the hole right—just the right size, and in the right place. Handle never in the way. Used by thousands of poultry raisers.

It is strongly made and is absolutely guaranteed to give satisfaction or your money refunded.

Price, 40c.

Postpaid, 42c.

**S. N. & S. CO'S. POULTRY PUNCH**

One of the most convenient punches made. It is small and easy to operate, cutting a clean hole every time. Nickel plated.

Price, 25c, postpaid, 27c.

**CHINA NEST EGGS**

Made of white porcelain, natural in appearance and uniform in size. They induce the hen to lay where she should. With these there is no danger of getting stale eggs mixed with the fresh ones, or the hens acquiring the habit of egg eating. They are extra heavy and will not easily break. 6 for 20c, postpaid, 28c; 12 for 35c, postpaid, 45c.

**LIME NEST EGGS**

Strong—Durable—Cheap

The lime nest egg is made from pure sterilized sulphate of lime which has been used by poultry raisers for many years to aid in keeping the nests in a clean and healthy condition. This egg has a neat and smooth appearance and in color, size and shape it is almost an exact duplicate of a real chicken egg, will not break. 6 for 30c, postpaid, 38c; 12 for 50c, postpaid, 60c.

**AUTOMATIC CHICK GREASER**

Every Chick His Own Doctor

SAVES

TIME



SAVES

MONEY

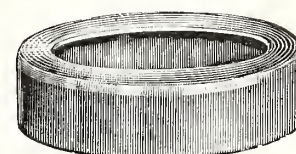
It is the large lice which collect on the heads of young chickens which cause them to droop and die. Formerly, the only way to get rid of these lice was to catch each chick and rub grease on its head, but this slow and tedious process is not necessary since the invention of the **Automatic Chick Greaser**.

The wick around the upper part of the Greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble and adds considerable to the profits.

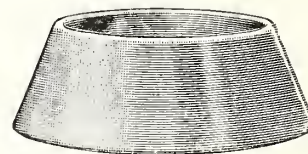
Price, \$1.35, postpaid, \$1.45.

**PEERLESS FEEDING JARS**

For Rabbits, Dogs, Foxes, Cats, Etc.



No. 1



No. 2

Are made of fire clay, highly glazed, therefore easily cleaned, and can be kept absolutely sanitary at all times. 7 inches in diameter, heavy and cannot be tipped over.

**Price**

No. 1 ..... 40c ..... postpaid 55c  
No. 2 ..... 35c ..... postpaid 47c

Sprayers for using Poultry Disinfectants for Poultry Houses, Etc.—See Page 135.



### IMPROVED TOP FILL FOUNTAIN



Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter. Feeds automatically, no valves to get out of order. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Thoroughly sanitary and as easily cleaned as an ordinary pail. Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time. Fill the fountain in the morning and the chickens have an all day's supply of pure water at just the right temperature.

The best and most popular fountain on the market.

No.			
1—1 Gal. size	\$1.70	.....	postpaid \$1.85
2—2 Gal. size	2.85	.....	postpaid 2.95
4—4 Gal. size	3.15	.....	postpaid 3.40

### BOTTOM FILL FOUNTAIN



This fountain fills the breeder's requirements for a good inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. Made of best quality galvanized iron in three popular sizes.

No.			
19—1 qt.	\$.25	.....	postpaid \$.35
20—½ gal.	.40	.....	postpaid .50
24—1 gal.	.55	.....	postpaid .65

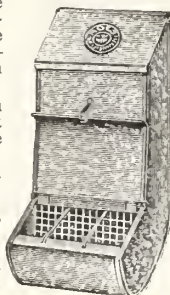
### DRY MASH HOPPER

A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

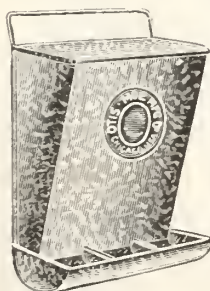
The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.



No.		Postpaid
36—12 in. wide, holds 14 qts.	\$2.15	\$2.25
13—18 in. wide, holds 22 qts.	2.40	2.65
37—24 in. wide, holds 32 qts.	3.10	3.35

### GRIT AND SHELL BOX



The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy prime condition. There is no more economical method of supplying grit, etc., than with these practical inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

This self-feeding box can be set on the floor or hung on the walls as desired. The birds can help themselves at all times and the supply is kept clean.

Made of heavy galvanized iron in two sizes.

No.			
9—3 compartment	\$ .95	.....	postpaid \$1.10
90—4 compartment	\$1.25	.....	postpaid 1.40

### SINGLE FEEDING TROUGH For Chicks and Growing Stock



No.			
56—18 inch	.....	\$ .35	Postpaid .45

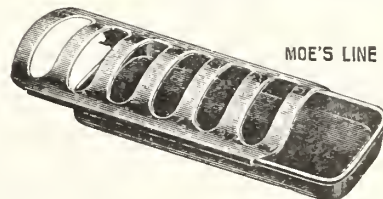
### DOUBLE FEEDING TROUGH For Chicks and Grown Stock



57—24 inch	.....	\$ .45	Postpaid .55
59—18 inch	.....	\$ .55	Postpaid .65
60—24 inch	.....	\$ .65	Postpaid .75

Made of best quality galvanized iron. No sharp or rough edges to injure the birds. Sliding top. Easily cleaned.

### SANITARY FEEDING TROUGH FOR GROWING FOWLS



Suitable for dry feed, wet mash, or water. For grown fowls.

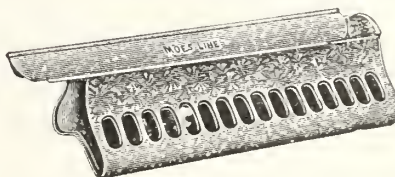
The tops slide off, the pan can be easily cleaned, and filled.

Made of best quality galvanized iron. The edges of the slotted openings are all turned over and smoothly finished.

No sharp or rough edges to injure the birds. The feed saved by using troughs will more than pay their cost in a short time. Made in two sizes.

No.			
22—18 inch	\$ .55	.....	postpaid \$.65
23—24 inch	.70	.....	postpaid .85

### PEERLESS FEEDER

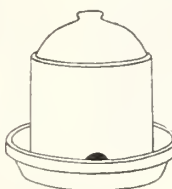


The finest feeder made to care for both large and small flocks. A wonderful feeder for young growing stock, and a great time labor saver when chicks are raised in large numbers. Made of heavy galvanized iron with a large capacity.

Sliding top cover, easy to fill and clean, and the birds cannot roost on the cover to foul the feed.

Feeder, capacity 10 quarts, 16 openings on each side, \$1.30, postpaid, \$1.50.

### BUTTERMILK STONE FOUNTAIN



Are not affected by milk acids, makes an absolutely safe and sanitary feeder for buttermilk and sour milk. Made in two pieces. ½ gal., 75c ..... 1 gal., \$1.00

By Express or Freight only

### IMPROVED AMERICAN BABY CHICK PANS

#### BEST FOR BABY CHICKS



Fit any Mason Jar—Easy to Clean.

The American Baby Chick Pans are easy to fill and very easy to clean, will fit any size Mason Jar. Considered the best on the market. They lock by a twist of the wrist.

We sell pans only, as Mason Jars are obtainable anywhere.

3 pans galvanized, 75c, postpaid, 83c.
6 pans galvanized, \$1.25, postpaid, \$1.35.

FOR BABY CHICKS SEE PAGE 126



## HUDSON HANDY FILL CHICK FOUNTAIN



This fountain is made of heavy galvanized iron in two pieces. The top is made with two way swinging bail which permits fountain to be carried either filled or in filling position. The one piece drinking pan with smooth rolled edge is especially designed for small chicks and prevents them from getting into water and contracting cold and diseases. No other fountain on the market with these desirable features. Bottom snaps onto pail in the same manner as a glove fastener. Nothing whatever to get out of order. Easy to fill. Easy to clean. Made to nest together for shipment, taking low freight rate.

No. C2—2 gal. size \$1.25 Postpaid \$1.35  
No. C3—3 gal. size 1.55 Postpaid 1.65

## HUDSON CHICK FEED TROUGHS

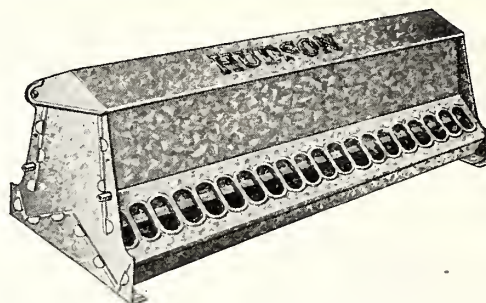


This trough is suitable for day old to six weeks old chicks. V-shaped bottom and flanged edge prevents waste, wire top guard is adjustable and prevents chicks from getting into feed trough.

Easily filled and cleaned.

No. OF18—18 inch 30c.....postpaid 40c  
No. OF30—30 inch 50c.....postpaid 60c

## HUDSON GROWING CHICK FEEDERS



A large capacity feeder for baby chicks and growing birds. Hopper 4 inches wide at top, 5 inches wide at bottom. Tapering, widened bottom hopper does not permit feed to bridge or clog. Deep feeding trough 9½ inches wide covered with a hinged grill keeps baby chicks out of feed and prevents waste. Grill has smooth, rounded, properly proportioned holes with well finished edges. For large chicks, grill can be swung and locked into upper position, leaving an open feeding trough large enough to take care of chicks well past the broiler age. Cover is hinged. Easily opened in close quarters with one hand. Carrying handles on inside brace and strengthen side walls.

No. CF24—24 inch \$1.25.....postpaid \$1.35  
No. CF36—36 inch 1.85.....postpaid 1.95

Chick Feeders are shipped knocked down to save postage. Easily assembled.



## LAGER'S BABY CHICKS

For several years the State Nursery and Seed Co. has handled Baby Chicks and Hatching Eggs. Orders mailed to the State Nursery Co. should be made out on separate order sheets to insure prompt attention.

It has often been said that poultry craft is the one business of pleasure and profit. Many poultry raisers and fanciers not caring to bother with the difficulties of selecting hatching eggs and the burden of incubation turn to the Baby Chick Hatchery for a quick start. This is indeed the best plan to follow. Lager's Hatchery, oldest and no doubt the best equipped hatchery in the state, will take care of our chick orders. Hatching eggs are secured from the very cream of Montana flocks as each flock has been rigidly culled and properly mated in order that chicks be of high quality. For Greater Profits Buy Montana Chicks.



**NOTICE**—A deposit of \$2.00 per hundred is required with order. We advise placing orders early to insure prompt delivery on the dates you wish.

## PRICE LIST FOR 1931

	March 1 to May 1 Per hundred	May 1 to July 1 Per hundred
S. C. White Leghorns .....	\$15.00	\$13.00
S. C. Brown Leghorns .....	15.00	13.00
S. C. Buff Leghorns .....	15.00	13.00
S. C. Reds .....	16.00	14.00
R. C. Reds .....	16.00	14.00
Barred Rocks .....	16.00	14.00
White Rocks .....	16.00	14.00
Buff Rocks .....	16.00	14.00
S. C. Buff Orpingtons .....	16.00	14.00
White Wyandottes .....	17.00	15.00
S. C. Black Minorcas.....	17.00	15.00
Silver Laced Wyandottes .....	17.00	15.00
Jersey Black Giants .....	22.00	18.00
Mixed Heavies .....	15.00	13.00
Mixed Lights .....	13.00	12.00

Add 1c to price in lots of fifty. Add 2c per chick in lots of twenty-five.

Mammoth Bronze Turkey Poults ..... Flock Matings 75c

Special Matings \$1.25

Above prices include transportation charges.

## Custom Hatching—

100 ..... 5c per egg  
500 ..... 4½c per egg  
1000 ..... 4c per egg  
Turkey Eggs ..... 8c per egg

Shipping boxes furnished.

We do not pay transportation charges on custom hatching.



# QUEEN INCUBATORS AND BROODERS

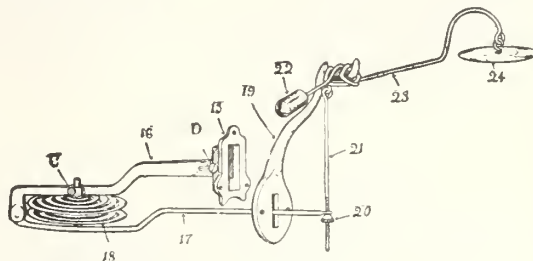
FAMOUS FOR BIG HATCHES OF STRONG HEALTHY CHICKS. HATCHES EVERY HATCHABLE EGG

The Incubators and Brooders offered have been selected for their proved efficiency as hatchers and chick-raisers. They are the products of the oldest and most successful manufacturers—the pioneers who blazed the way and by their untiring efforts have made artificial incubating and brooding the great success they are today.

## Prices and sizes of Queen Incubators—Delivered Prices

Queen No. 1, 85 Egg.....	\$ 30.00
Queen No. 2, 135 Egg.....	42.50
Queen No. 3, 180 Egg.....	48.00
Queen No. 4, 275 Egg.....	62.50
Queen No. 5, 400 Egg.....	82.00
Queen No. 25, 600 Egg.....	107.50
Queen No. 30, 800 Egg.....	161.00
Queen No. 40, 1000 Egg.....	207.00

WRITE FOR SPECIAL  
ILLUSTRATED INCUBATOR  
AND BROODER  
CATALOG—FREE



## PRICE LIST OF REPAIRS FOR QUEEN INCUBATORS. ORDER BY NUMBER

Lamp Wicks 1 in. or 1½ in. 5c each. Doz. 50c, postpaid, 55c.	
Lamp Complete 6x4 either burner.....	\$2.50 postpaid \$2.65
Lamp Bowl for 1 in. Wick Burner.....	1.25 postpaid 1.35
Lamp Bowl for 1½ in. Wick Burner.....	1.50 postpaid 1.60
No. 35 Lamp Burner for 1 in. wick.....	1.00 postpaid 1.15
No. 30 Lamp Burner for 1½ in. wick.....	1.00 postpaid 1.15
Instruction books for Queen Incubators.....	10c postpaid

"C" Wafer Set Screw .....	.15	postpaid	.17
No. 16 and 17 Wafer Holder and Rod.....	1.25	postpaid	1.35
"D" Bracket Screw .....	.15	postpaid	.17
No. 15 Wafer Holder Bracket.....	.50	postpaid	.60
No. 18 Wafer Thermostat.....	1.00	postpaid	1.10
No. 19 Fulcrum .....	.50	postpaid	.60
21 & 20 Connecting Rod and Burr Complete .....	.50	postpaid	.52
Connecting Rod (Burr only) .....	.25	postpaid	
22 Counter Weight .....	.35	postpaid	.40
23 Damper Lever .....	1.00	postpaid	1.10
24 Damper .....	.35	postpaid	.37
20, 21, 22, 23 and 24 Damper Lever complete .....	1.75	postpaid	1.85

## PRICES AND SIZES OF QUEEN COLONY BROODERS—DELIVERED PRICES

No. 0— 400 Chick .....	\$17.50
No. 1— 800 Chick .....	23.00
No. 2—1200 Chick .....	28.25

We recommend No. 2 as the most practical. We do not furnish stove pipe. Connect three inch stove pipe to stove and taper up to six inch for best results.

## PRICE LIST OF PARTS FOR QUEEN COLONY BROODER

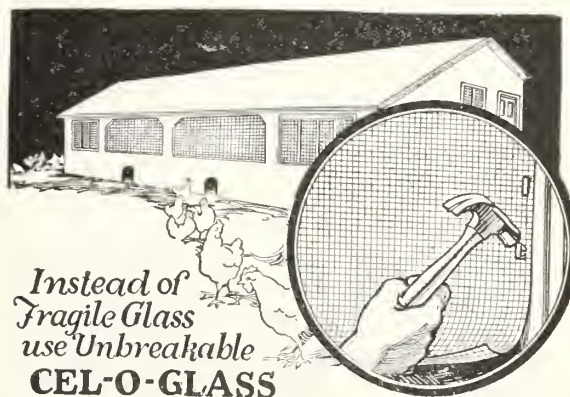
Order by Number, and State for No. 0, No. 1 or No. 2 Stove

No.	No. 1 stove	No. 2 stove	No.	No. 1 stove	No. 2 stove
1 Cylinder .....	\$7.00	\$9.00	15 Shaker .....	.50	.50
2 Base .....	3.50	4.00	16 Damper Wire .....	.15	.15
3 Bottom .....	3.50	4.00	17 Damper Guard .....	.50	.50
4 Long Grate .....	1.50	1.75	18 Grate Lock .....	.60	.60
5 Short Grate .....	1.50	1.75	19 Base Bolt .....	.25	.25
6 Hood Wire .....	.25	.25	20 Damper .....	.75	.75
7 Wafer or Thermostat.....	.75	.75	21 Rope and Pulleys.....	.65	.65
9 Arm (upper) .....	1.50	1.50	22 Knob .....	.25	.25
10 Arm (lower) .....	1.00	1.00	23 Wing Nut .....	.25	.25
11 Baffle Plate .....	1.00	1.00	24 Draft Flue .....	2.00	2.50
12 Ash Door .....	1.00	1.10	25 Dome .....	3.00	3.50
13 Ring .....	2.00	2.25	26 Hover .....	7.00	9.00
14 Feed Door .....	1.00	1.25			

If Wanted by Mail Add Postage

## CEL-O-GLASS

A SUBSTITUTE FOR GLASS  
WILL NOT BREAK  
PRACTICAL, ECONOMICAL,  
DURABLE



Instead of  
Fragile Glass  
use Unbreakable  
CEL-O-GLASS

## LIST OF CEL-O-GLASS USES

Laying Houses  
Brooder Houses  
Dairy Barns  
Hog Houses  
Milk Houses  
Cold Frames  
Hot Beds

Dog Kennels  
Turkey Houses  
Back Porches  
Front Porches  
Sleeping Porches  
Storm Windows  
Storm Doors

Health Windows  
Sun-rooms  
Cellar Windows  
Garages  
Interior Skylights  
Partitions in Offices

Simply cut it to size and tack it in place. Requires no sash or glazing.

CEL-O-MEND—used for repairing small holes and punctures in Cel-o-glass—½ pint, 50c, postpaid, 65c; pint, 75c, postpaid, 90c; qt., \$1.35, postpaid, \$1.60; gal., \$4.50, by express.

Width of Roll	Length of Roll	Equals	per sq. ft.	Price per Roll
28 in.	25 ft.	58 1-3 sq. ft.	13 ½c sq. ft.	\$ 7.88
28 in.	50 ft.	116 2-3 sq. ft.	or 31 ½c per running ft.	15.75
28 in.	100 ft.	232 ½ sq. ft.		31.50
28 in.—less than 25 ft. roll		15c per sq. ft. or 35c per running ft.		
36 in.	25 ft.	75 sq. ft.	13 ½c sq. ft.	\$10.13
36 in.	50 ft.	150 sq. ft.	or 40 ½c per running ft.	20.26
36 in.	100 ft.	300 sq. ft.		40.52
36 in.—less than 25 ft. roll		15c per sq. ft. or 45c per running ft.		

If Wanted by Mail Add Postage at ½c per sq. ft.



## PLANT FOODS AND FERTILIZERS



**EXCELSIOR PLANT FOOD**—The original odorless house plant food. Producing vigorous healthy growth. Endorsed by the leading horticulturists, private and market gardeners, and park superintendents. 5 oz. pkg., 25c; postpaid, 33c; 12 oz. pkg., 50c; postpaid, 58c.

## BONE MEAL

A well known fertilizer, for all purposes, safe and effective. 1 lb. 10c, postpaid, 15c; 10 lbs., 65c., postpaid, 90c; by express or freight 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25.

## PEERLESS BRAND

## SHEEP FERTILIZER—Pulverized

## A Good Fertilizer for the Lawn and Garden

As a spring or fall top-dressing for lawns, it is the best that can be procured. No offensive odor, and no unsightly chunks to rake off. The first shower or watering carries the soluble particles down to the roots, and rapidly produces a most luxuriant growth. SHEEP FERTILIZER is the very best for securing rapid growth and adds humus to light soils.

Can also be used as liquid fertilizer, in water. For general use apply 50 lbs. to every 100 square feet. 600 to 800 lbs. per acre for lawns. For general field and garden use—1 ton per acre.

100 lb. sack, \$2.00; 50 lb. sack, \$1.25.

Price F. O. B. Helena, by express or freight.

For larger quantities write for special prices.

We also carry the above brand of sheep fertilizer put up in small packages for the benefit of our customers who have only a few house plants. The fertilizer has been specially treated and rendered practically odorless. Each package contains full directions for use.

2 lb. pkg., 25c, postpaid, 37c; 5 lb. pkg., 50c, postpaid, 68c.

## Proper Nourishment The Secret of Gardening Success

**A**MAZING results can be obtained by use of a complete, scientifically balanced plantfood, specially prepared.

Such a food is Vigoro. It gives plants all the elements they require, each in the proper proportion.

Clean, odorless, pleasant to handle and can be sown by hand like grass seed. Feed your lawns, flowers, vegetables, shrubs, and trees with Vigoro to give them the nourishment they absolutely require for healthy, vigorous growth.

Full directions in each bag.



# VIGORO

*Specially prepared plant food*

## VIGORO

Trial Package, 10c, postpaid, 18c; 5 lbs., 60c, postpaid, 78c. 25 lbs., \$2.00, postpaid, \$2.45.

By express or freight: 50 lbs., \$3.75; 100 lbs., \$6.00.

NOTICE—Sold only in sizes stated above.

## STIM-U-PLANT

PLANT STIMULANT TABLET

THE MAGIC FERTILIZER IN TABLET FORM

## GLORIOUS GARDENS—PERFECT HOUSE PLANTS

The most modern, efficient and scientific method of fertilizing growing plants.

As every kind of plant grows in the garden, orchard, and farm, feed it along with Stim-U-plant tablets. These tablets contain highly concentrated, immediately available forms of plant food for use in stimulating fruit, flower, vegetable, and ornamental plants, and may be used in liquid or tablet form.

They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application.

Once in the soil they immediately dissolve and mingle with the soil-water, pass into the root hairs and roots to begin feeding the plants. No matter how fertile the soil may be, Stim-U-plant is effective in feeding the crops because of its rich, available food content. Full directions on every package.

Small size, 30 tablets ..... \$ .25, postpaid \$ .30  
Medium size, 100 tablets ..... .75, postpaid .85  
Large size, 1,000 tablets ..... 3.50, postpaid 3.70

## NITRATE OF SODA

## Stimulates the Production of Plants

A fertilizer for all crops, quick in action and hastens the maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above the ground, when 200 to 300 lbs. per acre is sufficient. Usually in combination with other chemical fertilizers. Nitrate of Soda is the best form in which nitrogen can be restored to the soil. It is of special value for crops such as Peas, Corn, Beets, Cabbage, Sugar Beets, Potatoes, and Sorghum, etc., also small fruits. Nitrate of Soda does not exhaust the soil. Do not allow solution to touch foliage. Dissolve 1 oz. to 3 gal. or 1 lb. to 50 gals. 2 lbs., 25c, postpaid, 35c; 5 lbs., 60c, postpaid, 78c; 10 lbs., \$1.10, postpaid, \$1.38; 100 lbs., \$10.00, F. O. B. Helena.

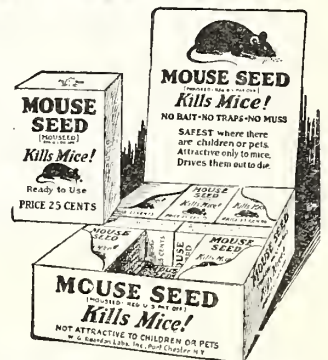
## MOUSE SEED

(MOUSEED)

**"Not a mouse in the house for 25c"**

The safer, surer, quicker exterminator. Tiny natural seeds treated chemically. Attractive to mice, unattractive to household pets. Ready to use. Cleanly. No bother or muss. Results are quickly obtained. Full directions in every package.

Package, 25c, postpaid, 28c;  
1 lb. pkg., \$1.50, postpaid \$1.60.



**"A saucer and the seed is all you need"**

## ANT KILLER

A VERY EFFECTIVE AND MUCH NEEDED PRODUCT FOR USE EVERYWHERE

## Suggested Directions

Sprinkle a small quantity of the Key Brand Ant Killer around the ant holes. The ants carry the preparation into their holes, where they eat it and die. A very small quantity will quickly kill off an entire colony.

When the preparation is to be used on lawns, golf courses, etc., where the ant holes are not visible, it should be placed on small boards in the locations where the insects congregate, moving the boards frequently, so that the grass beneath them will not die out. Also be careful not to spill any of the KILLER on the grass, as it will burn the grass.

Packed only in individual Improved Containers. Price, 50c, postpaid, 60c. \$5.50 per dozen by express.

DR. WILSON'S DUST AND SPRAY MASK (See Page 130)



# SEED INOCULATION



Inoculated Roots  
Roots like this mean bigger  
yields—better soil

## STIMUGERM LEGUME INOCULATION

(Formerly Called Farmogerm)

The Best Inoculation for All Legume Seeds

MEANS BETTER CROPS—BETTER SOILS

LESS FERTILIZER EXPENSE

Stim-n-Germ the "Always Fresh" inoculant

WHAT STIMUGERM IS: A pure culture of nitrogen-fixing bacteria of highest quality. By reason of the patented stopper, which admits air and excludes contaminations, STIMUGERM is guaranteed for five years—always fresh—always strong and virile.

A Sensible Insurance and a Profitable Investment

We believe in inoculation, we favor the pure jelly medium, and we believe in STIMUGERM. We recommend that all legume seeds purchased from us be inoculated before planting.

### IMPORTANT NOTICE

Always State kind of seed you wish to inoculate

(One bushel size contains sufficient bacteria to thoroughly inoculate one bushel of designated variety of legume.

### NEW LOW PRICES

For small seeds—Clovers, Alfalfa, etc.

1/4 bu. size	.....\$ .35
1/2 bu. size	......60
1 bu. size	.....1.00
2 1/2 bu. size	.....2.25

Prices for Large Size Seeds, Soy Beans, Cowpeas, Peas, Beans, etc.

1/2 bu. size	.....\$ .35
1 bu. size	......60
2 bu. size	.....1.10
5 bu. size	.....2.25

Garden Size for Peas, Beans, and Sweet Peas, 25c

By using Stimugerm you will insure large, luscious peas and beans, and abundant sweet pea blossoms of wonderful coloring.

INOCULATE

FOR

LARGER

CROPS

OF

BETTER

QUALITY.

ENRICH

THE SOIL

## INOCULATE THE EASY WAY

WITH THE DEPENDABLE



## DUST-KOTE INOCULATOR

NOW you don't have to use out-of-date, messy methods to treat your legume seeds. McQueen's DUST-KOTE Inoculator is just dusted on the seed. Takes but a moment to do it. Sticks to seed and is a CLEAN, handy inoculation.

HARDY, FARM GROWN BACTERIA

ABSOLUTELY GUARANTEED to give satisfactory results or your money back. This is for your protection. You are the judge of results. Simple directions for mixing Inoculator with your seed are printed on each package of McQueen's. Do it right in seeder or drill box. No water is used.

### MORE LOADS FROM SAME ACREAGE

Inoculate your Alfalfa, Sweet Clover, Soybeans, Peas, Vetch, Bean; and Clovers of all kinds with McQueen's guaranteed Inoculator. It increases the crop, improves its quality, enriches the soil and saves fertilizer bills.

COST IS SMALL.—Order for the amount of seed you wish to treat.

For: The small seeds—CLOVERS; ALFALFA; SWEET CLOVER; LESPEDEZA	For the Home Garden—GARDEN PACKET (for Peas, Beans, Limas, Sweet Peas) ....15c	For: The large seeds—SOYBEANS; VETCH; PEAS; AUSTRIAN PEAS; COW PEAS; BEANS
1/2 bu. size (for 30 lbs. seed) .....\$ .50	ALWAYS STATE KIND OF SEED	1 bu. size (for 60 lbs. seed) .....\$ .50
1 bu. size (for 60 lbs. seed) .....1.00	YOU WISH TO INOCULATE.	2 bu. size (for 120 lbs. seed) .....1.00
2 1/2 bu. size (for 150 lbs. seed) .....1.75		5 bu. size (for 300 lbs. seed) .....1.75
5 bu. size (for 300 lbs. seed) .....2.50		10 bu. size (for 600 lbs. seed) .....2.50



Showing Fertil Spray  
or nozzle attached to hose  
and in operation



### FERTILSPRAY SPRAYER

For applying Concentrated Fertilizer and Soil Conditioner, attaches to garden hose.

Price, 50c, postpaid, 55c.

## FERTILSPRAY CONCENTRATED FERTILIZER

Adapted for Easily and Evenly Applying with the Garden Hose

A very highly water soluble concentrated FERTILIZER and PLANT FOOD, especially prepared for Lawns, Flowers, Shrubbery and Gardens.

Supplies NITROGEN, PHOSPHORUS, POTASH and other necessary plant food elements.

Promotes healthy growth and rich color to foliage.

Contains no germs, odor, or weed seeds.

Will not leach from the soil and may be applied any time as it positively cannot burn.

Cost is only \$1.50 per carton covering 1,000 sq. ft. and containing more actual plant food than is in bulky fertilizers costing more.

Why tolerate offensive odors, dirt, germs and unsightliness, as well as invite soil pests and flies, with growth of weeds and objectionable grasses?

You Must Water—You Must Fertilize—Do Both at Once

CARTON AND SPRAYER, \$2.00, POSTPAID \$2.15



Per Carton  
\$1.50  
Postpaid \$1.65





## Increase Farm Profits and Gardening Pleasures

Prevent Disease Losses by Using Du Bay Seed Disinfectants



### SEMESAN—for vegetable and flower seeds

Diseases often reduce germination and result in a poor stand, lowered quality and reduced yield of vegetables and flowers. Kill these harmful disease organisms on the seed with Semesan before planting. Semesan may be applied as a dust or liquid and is harmless to seeds. Effective in controlling damping-off of seedlings and certain cuttings. Full directions in can for use on vegetable and flower seeds and bulbs. Prices: 2 oz. \$.50; 8 oz., \$1.60; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$56.25.

### SEMESAN BEL—for seed potatoes *New Improved*

Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Much of this loss can be prevented by treating seed before planting with Semesan Bel, the instantaneous dip disinfectant. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Protects seed piece from rotting caused by certain soil borne organisms, improves germination and usually produces a bigger crop of better quality. Cost 1½ to 3 cents per bushel. One pound treats 70 to 80 bushels of seed. Prices: 4 oz., \$.50; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

### SEMESAN JR.—for seed field and sweet corn

Our corn crop is reduced over 80 million bushels annually by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn with Semesan Jr. Simple, quick, effective. Costs only 2½¢ an acre. Harmless to seed, does not slow up the rate of drop. Semesan Jr. destroys harmful disease organisms on the seed, protects seed from rotting in cold wet soil, makes earlier planting possible, controls seedling blight, reduces root and stalk rots and generally increases crop yields. Use 2 oz. per bushel of seed. 4 oz., \$.50; 1 lb., \$1.75; 5 lb., \$8.00; 25 lb., \$31.25.

### CERESAN—for seed grains

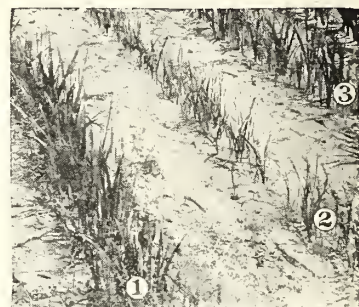
Why lose part of your grain crops through smuts and other diseases? Prevent them and protect your profits by treating all seed grains with Ceresan before sowing. Effective in controlling stinking smut and seed-borne flag smut of wheat; seedling blight of cereals caused by seed-borne scab; smuts of oats; covered smut and stripe of barley; kernel smuts of sorghums and millets; and seed-borne stem smut of rye. Seed may be treated in spare time. Ceresan is harmless to seed and does not injure grain drills. Only 2 ounces needed per bushel of seed wheat, rye, sorghums or millets and 3 ounces for oats and barley. Prices: 1 lb., \$.75; 5 lb., \$3.00; 25 lb., \$12.50.

NOTICE—If wanted by mail add postage

# Seed Disinfectants

Control Seed-borne Diseases of Farm Crops  
Stimulate Germination—Improve Stands—  
Produce Increased Yields of Higher Quality

Give your Seed The Advantage Over Unfavorable Weather And Costly Blighting Diseases

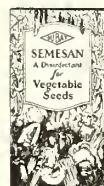


1. Semesan treated gladiolus. 2. Untreated gladiolus. 3. Formaldehyde treated gladiolus

An  
Ounce of  
  
Prevention  
  
Brings You  
  
Pounds of  
  
Profit

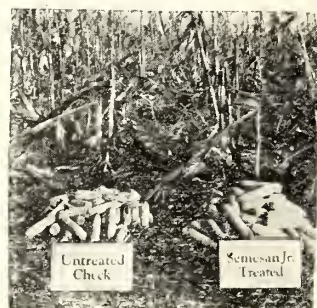


Note the great improvement in stand and vigor of growth of the Semesan Bel treated plants at left



### FREE BOOKLETS

Like the ones illustrated above are sent on request. Name subject on which you want full information.



Increase at rate of 21.7 bushels per acre caused by Semesan Jr. seed treatment

### DR. WILSON'S DUST AND SPRAY MASK



Don't breathe poisonous and irritating dust and spray. Dr. Wilson's dust and spray mask gives protection to the throat and lungs and does away with the annoyance to the dusting and spraying operations. Whenever you have to work with dust or sprays wear this efficient health protector. Highly recommended. Price \$2.25, postpaid. Extra filters, 10 for 25c, postpaid. See Cut.

NOTICE—Sold only in sizes stated above

TREAT ALL SEEDS BEFORE PLANTING WITH DUBAY DISINFECTANTS



# INSECTICIDES AND FUNGICIDES

FOR INSECT PESTS AND FUNGUS GROWTHS

Include Insecticides with your Order. You are sure to Need Them Later.



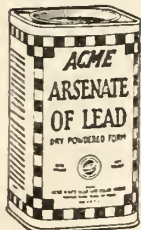
## ACME PARIS GREEN

A rich emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on: Potatoes, use 3 teaspoonful to gallon of water or 1 lb. to 50 gallons for potato bugs, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Price, ¼ lb., 20c; 1 lb., 55c; 5 lbs., \$2.50. 14 lbs., \$5.25.

Ask for price on Larger Quantities



## ACME ARSENATE OF LEAD

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes (3 teaspoonful to gallon of water). Can be used as dust or spray.

Prices, ½ lb., 25c; 1 lb., 45c; 4 lbs., \$1.25.

Ask for price on Larger Quantities



## ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Prices 1 lb. sifter carton, 35c postpaid 43c; 5 lbs., 90c, postpaid, \$1.05.



## ACME BORDEAUX MIXTURE

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungus diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable fruit and shrub can be greatly improved by the early use of Bordeaux Mixture. Use 8 level table-spoonful to gallon of water, 5 lbs. to 50 gallons of water.

Prices, 1 lb., 40c, postpaid, 48c; 4 lbs., 85c, postpaid, 98c.

Ask for price on Larger Quantities



## ACME ALL AROUND SPRAY

Flowers, vines, shrubs, roses, vegetables, need protection same as commercial crops. All Round Spray contains the three leading remedies used by all large growers. Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Perfect protection for the small user is assured by complete directions in form of spraying guide attached to every package.

Prices ¼ lb., 45c, postpaid, 50c; 1 lb., 95c, postpaid, \$1.03.



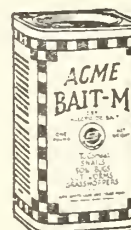
## ACME BAIT-M

(Will Kill Cut Worms)

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn.

For use against snails, cut worms, sow bugs, grasshoppers and many other insects which migrate along the ground.

Prices, 1 lb., 40c, postpaid, 49c; 3 lbs., 75c, postpaid, 85c.



## ACME LIME SULPHUR

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

Prices, 1 lb., 35c, postpaid, 45c; 5 lbs., \$1.50, postpaid, \$1.68.



## ACME SPRAY SOAP

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cylinder oils in making oil emulsions to reduce the surface tension.

In use with Nicotine greatly increases the value of that spray.

Prices, 1 lb., 35c, postpaid, 45c; 5 lbs., \$1.50, postpaid \$1.68.



## ACME SPRAYING GUIDE

Consistent of Acme White Lead and Color Works, Detroit, Michigan

WHEN AND WHAT TO SPRAY  
Write for this Fine Guide Free



## "BLACK LEAF 40"

"BLACK LEAF 40"—is well known both as a dip for livestock and as a spray for vegetables and flowers. It destroys Aphids (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage. May be combined with other sprays. As a Livestock Dip it is absolutely the best and it is recommended by the Livestock Sanitary Board of Montana as being practically the only dip that will kill Scab Mites.

For Dairy Cows it is especially valuable as it kills lice, ticks and mites. Wash thoroughly the infected parts of the dairy cows, which are generally the root of the tail, withers, etc. Full directions on every package.



1 oz.—\$.35, postpaid, \$.40 .....makes 6 gallons  
½ lb.—\$1.25, postpaid, \$1.35 .....makes 40 to 120 gallons  
1 lb.—\$2.50, postpaid, \$2.60 .....makes 80 to 240 gallons  
2 lbs.—\$3.75, postpaid \$3.90 .....makes 160 to 500 gallons  
5 lbs.—\$7.00, by express .....makes 400 to 1250 gallons  
10 lbs.—\$11.85, by express .....makes 800 to 2500 gallons

## CARCO VEGETABLE SPRAY

as well as the strawberry crown borer, is hatched from egg deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Carco is highly recommended by market gardeners and large growers of vegetables. Pint, 75c, postpaid, 90c; quart \$1.25, postpaid, \$1.45; gallon, \$2.50, by express only, F. O. B. Helena.



## CARCO-ROOT MAGGOT PREVENTIVE

A wonderfully effective spray for destroying grubs, maggots and worms in the soil, which infect TURNIPS, RADISHES, BEETS, CAULIFLOWER, CABBAGE, ONIONS, etc., and highly recommended for use in combating CROWN BORERS in strawberries. The root maggot, as well as the strawberry crown borer, is hatched from egg deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Carco is highly recommended by market gardeners and large growers of vegetables. Pint, 75c, postpaid, 90c; quart \$1.25, postpaid, \$1.45; gallon, \$2.50, by express only, F. O. B. Helena.

**VOLCK**—A powerful Insecticide for nursery, greenhouse and garden. Volck gives results because it successfully controls scale, mealy bug, white fly, red spider and mites, aphids, caterpillars and rose m'leew, and all leaf eating insects on fruit trees and all kinds of nursery stock, etc.

½ Pint .....\$.50, postpaid, \$.60  
Pint .....75c, postpaid, .85  
Quart .....1.00, postpaid, 1.17  
Gallon .....3.00, postpaid, 3.25



## INSECTICIDES AND FUNGICIDES

**SLUG SHOT**—(Hammond's)—A light non-poisonous composite fine powder for killing Potato Bugs, Currant and Cabbage Worms, Green and Black Fly, Beetles and Caterpillars. Not injurious to persons or animals. Easily distributed by Duster, Bellows or in water by spraying. Full directions on each package. 1 lb. perforated box, 35c, postpaid, 40c; 5 lbs., 85c, postpaid, \$1.00; 10 lbs., \$1.50, postpaid, \$1.70.

### TOBACCO DUST—USE ACME GARDEN GUARD

**GRAFTING WAX**—Superior quality grafting wax.  $\frac{1}{4}$  lb., 20c, postpaid, 25c;  $\frac{1}{2}$  lb., 35c, postpaid, 42c; 1 lb., 50c, postpaid, 60c.

**PRUNING OR TREE PAINT**—You will find this much more effective in stopping "bleeding" of the sap after pruning trees, shrubbery, etc., than tar and other mixtures sometimes used. It effectively seals the surface and will not wash off with the weather. Pruning Paint is also an excellent preventive for worm boring. 1 quart can, \$1.20, postpaid, \$1.35; gallon, \$3.00, by express only.

**TREE TANGLEFOOT**—The best remedy against ants, caterpillars and all tree crawling insects. Will remain sticky for three months. 1 lb., 60c, postpaid, 70c; 5 lbs., \$2.75, postpaid \$2.93.



Ever Green is recommended for killing a wide variety of plant insects. It will do the work of most all others combined. Here are just a few of the insects on which it has been tested and proved—

Plant Lice  
Cabbage Worms  
Cut Worms  
Cucumber Beetle  
Thrips  
Rose Slugs  
Rose Chafer  
Squash Beetles

Red Spider  
Currant Worm  
Mealy Bugs  
Leaf Hoppers  
Potato Beetles  
Gooseberry Worm  
Aphis

Ever Green is absolutely harmless to humans, animals and birds. It kills only insects.

No danger of poisoning with Ever Green around the house. Vegetables and fruits sprayed with arsenic retain the poison despite several washings. An acid wash is the only sure method of removing arsenic. Undoubtedly a large proportion of acute stomach illness is caused by eating arsenic on such produce as celery, cabbage, apples, lettuce and berries. Vegetables and fruits sprayed with Ever Green do not require special washings.

1 oz. bottles, 35c, postpaid, 40c; 6 oz., bottles, \$1.00, postpaid, \$1.10; Pint, \$2.00, postpaid, \$2.10; 1 quart, \$3.50, postpaid, \$3.62; 1 gallon, \$13.00, by express only.

### CYANOGENS—(Kills)

#### "IT'S EASY TO KILL RODENT PESTS NOW"

When used as per directions it gives off a gas, that is deadly to rodent and insect pests, and kills them almost immediately. Cyanogas will kill Gophers, Rats and Mice, Ants, Fleas, Moles, Snails, Slugs, Squirrels, Wireworms, etc. The pests don't have to eat Cyanogas or even touch it. It gets them wherever they are, none can escape it. Cyanogas is easy, quick and thorough. "It kills."

**Cyanogas—Granular**—To use with a spoon. 1 lb. can, 75c, postpaid, 85c; 5 lb. can, \$2.00, postpaid, \$2.18; 25 lb. can, \$6.00; 100 lb. can, \$20.00 by express or freight.

**Cyanogas—A Dust**—Quick acting, can be used in the Cyanogas duster. 1 lb. can, 75c, postpaid, 85c; 5 lb. can, \$2.50, postpaid, \$2.58; 25 lb. can, \$6.00; 100 lb. can, \$20.00 by express or freight.

CYANOGENS DUSTER, SEE PAGE 136



### GAS BALLS

Kills squirrels, Gophers, and Prairie Dogs at a small expense and no danger to stock, non-explosive, non-poisonous to handle and sure to kill. Just light sharp edge of gas ball and roll into the hole, and cover so the fumes cannot escape.

Price, doz., 45c, postpaid, 55c; carton of 125, \$3.75, postpaid, \$3.90.

**WEED KILLER**—Killing weeds thoroughly by application of this liquid has become general. It is a great labor saver. Use only on paths, drives, gutters and places where no growth is wanted. Apply after rain, while ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 50 gallons, sufficient to cover 100 square yards of surface. Price 1 quart, 75c, postpaid, 90c; gal., \$2.25, by express only.

**NAPHTHALENE**—A soil Insecticide, prevents and repels all soil pests such as cut worms, slugs, snails, centipedes, ants, beetles and other insects. Price 1 lb., 25c, postpaid, 33c; 2 lbs., 40c, postpaid, 52c; 4 lbs., 75c, postpaid, 93c. For larger quantities write for prices.

**COPPERCARB**—(For wheat treatment)—A 20% copper carbonate powder for dusting to prevent smut on Wheat, Sorghums, Oats, etc. More convenient and economical than the wet formaldehyde method. Treated seed germinates much better. Use three ounces (equals 3 heaping tablespoonsful) coppercarb to a bushel of grain. It is easy to apply and holds its effectiveness for six weeks. 5 lbs., \$1.25, postpaid, \$1.43.

**CORONA 50% COPPER CARBONATE** (For wheat treatment)—Use 3 ozs. (equals 3 heaping tablespoonsful) of Corona 50% Copper Carbonate to bushel of grain. 5 lbs., \$2.00, postpaid, \$2.18.

**DUSTING SULPHUR**—See Acme all round spray.

**CUT WORM KILLER**—See Acme Bait-M.

FOR  
LIVESTOCK  
AND  
DAIRY



DISINFECTANT  
DEODORANT  
STERILIZER

#### FOR SANITATION

In Preventing	In Sterilizing
Abortion	Milk Cans
Retained Afterbirth	Milk Bottles
Calf Scours—Bloat	Bottle Fillers
Udder Infections	Separators
Poultry Diseases	Strainers
Little Pig Diseases	Milking Machines

**For Disinfecting and Deodorizing**—Farm Buildings, The Home  
**NOT A POISON**

Write for booklet. Prices, 10 oz. bottle, 60c, postpaid, 75c; 1 quart, \$1.25, postpaid \$1.45, by express only; gallon \$3.00; 5 gallons, \$12.50, F. O. B. Helena.



### GOPHER POISON

#### Kill-Em-Quick

Kills Gophers, Squirrels, Prairie Dogs and Field Mice. Endorsed by the U. S. and Canadian Governments, County Agents, Farmers' Clubs, etc. Is found to be more economical and effective than anything else on the market. Best, cheapest and safest. Full directions on every package. Satisfaction guaranteed or money refunded. Ready to mix with your own grain. Package sufficient for 40 acres, 75c, postpaid, 83c; 100 acres, \$1.50, postpaid, \$1.60.

## FLYOSAN

SAFE INSECTICIDE

Kills Flies by the roomful—Mosquitoes, too

### THE STRANGEST WAY TO KILL FLIES YOU EVER SAW

Just spray Flyosan into the air of a closed room; in five minutes all flies are dead—mosquitoes, too.

Flyosan is an effective deodorizer and cleanser, harmless to human life, non-poisonous, non-injurious to fabric or woodwork. Indispensable for use in the home, factory, store, restaurant, bakery, on the farm or any other place. Kills flies, moths, roaches, water bugs, bed bugs, fleas, lice, mosquitoes, ants, and all insects. Directions on every package.

Combination (sprayer and pint can) .....	\$1.10	Postpaid	\$1.22
Pint .....	.60	Postpaid	.72
Quart .....	1.00	$\frac{1}{2}$ gallon .....	1.85
		1 gallon .....	3.50
		Postpaid	3.77

DR. WILSON'S DUST AND SPRAY MASK (See Page 130)



**GARDEN HOSE**

Actual tests have proven that  $\frac{5}{8}$  inch hose is more practical than  $\frac{3}{4}$  inch hose for ordinary conditions. Electric is a hose you can twist, tie in knots, yank and haul without even a kink, and that means leakproof, lasting service.

Electric Hose cannot kink because it is built like a cord tire. Not made like ordinary hose of strips of common duck coated with rubber. This common, rubber-daubed hose kinks, comes apart at the seams and leaks. Electric hose with its seamless, cord tire construction is free from these defects.

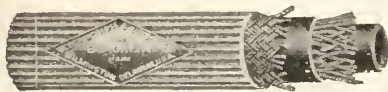
Just as a cord tire is re-enforced by its network of cords, so Electric hose is given strength by braided jackets of sturdy seine cord. These are surrounded by layers of tough new rubber. Heat and high pressure from within vulcanize the cord and rubber into a seamless, inseparable tube. Makes them one. Nothing can tear them apart. Outside a heavy ribbed "tread," or covering, of new Ceylon rubber protects the hose just as the tread protects a cord tire.

**ELECTRIC HOSE**

This cut shows the jackets of sturdy seine cord surrounded by layers of live, elastic rubber. It also shows the **ELECTRIC** trademark which should appear upon the hose you buy.

Electric Hose is acknowledged today to be the best Hose that can be procured at any price. "Wears like a pig's nose."

Couplings attached per foot	Couplings attached per foot
$\frac{1}{2}$ inch—25 foot length.....19c	$\frac{1}{2}$ inch—50 foot length.....18c
$\frac{3}{8}$ inch—25 foot length.....20c	$\frac{3}{8}$ inch—50 foot length.....19c
$\frac{3}{4}$ inch—25 foot length.....21c	$\frac{3}{4}$ inch—50 foot length.....20c

**BLACK FIN**

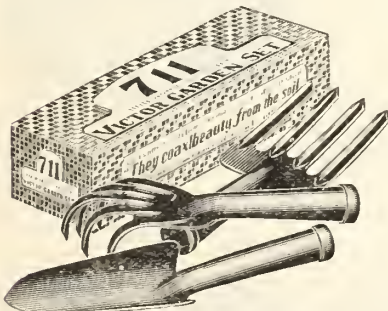
**BLACK FIN**—considerably cheaper hose than Electric, but one we can recommend for a cheap hose.

Couplings attached per foot	Couplings attached per foot
$\frac{1}{2}$ inch—25 foot length.....10c	$\frac{1}{2}$ inch—50 foot length.....09c
$\frac{3}{8}$ inch—25 foot length.....11c	$\frac{3}{8}$ inch—50 foot length.....10c
$\frac{3}{4}$ inch—25 foot length.....12c	$\frac{3}{4}$ inch—50 foot length.....11c

**NOTICE**—We have discontinued handling the cheap grades of garden hose. Get the best (Electric) without regard to price.

**Extra Hose**,  $\frac{3}{8}$  inch for Perfection, Economy, Thrifty, and Junior Sprayers, 20c per foot in any length.

**HOSE WASHERS**—Fits  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{3}{4}$  inch—per doz., 10c, postpaid, 12c.

**VICTOR GARDEN SET**

An all metal fork, trowel, and weeder.

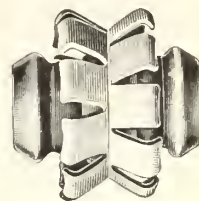
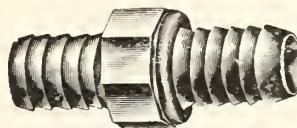
Their brilliant green color commands attention—their sturdy design commands respect. Made of genuine normalized steel, they are exceptionally strong and efficient. Perfect balance gives them the fine tool "feel." Durable enamel finish prevents rust and makes them easy to clean.

"They coax beauty from the soil." Sold in sets only. Per set, 75c, postpaid, 85c.

**HOSE MENDERS**

**COOPER HOSE MENDERS**—(Brass)—For joining a broken hose, cut through and insert the mender. No clamps required,  $\frac{1}{2}$ ,  $\frac{3}{8}$  or  $\frac{3}{4}$  in. State size wanted. Each, 10c, postpaid, 12c; doz., \$1.00, postpaid, \$1.10.

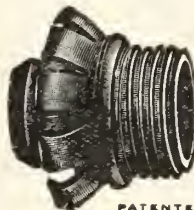
**PERFECT CLINCHER HOSE MENDER**—No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend, a one-piece article which does the work of the mender and tube and two clamps ordinarily used.  $\frac{1}{2}$ ,  $\frac{3}{8}$  or  $\frac{3}{4}$  in. State size wanted. Price, each, 15c, postpaid, 17c; doz., \$1.55, postpaid, \$1.70.

**HOSE COUPLINGS**

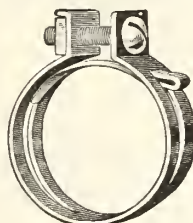
**HOSE COUPLINGS**—(Brass)—In  $\frac{1}{2}$ ,  $\frac{3}{8}$  or  $\frac{3}{4}$  in. State size wanted. Each, 10c, postpaid, 13c. Dozen, \$1.00, postpaid, \$1.20.

**HOSE WASHERS**—Fit  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{3}{4}$  in. Per doz., 10c, postpaid, 12c.

**"PERFECT CLINCHING" HOSE COUPLINGS**—Slip it in the hose and hammer down—that's all. A self-fastening coupling, that does not require extra bands, bolts, or wires. It adjusts itself to any thickness of hose. A fixed hold—it will not pull off. It cannot turn within the hose, a great gain over other couplings. A smooth joint with no projecting parts. A perfect joint that cannot leak. The harder the pressure, the tighter it gets. The tough brass in the clamping fingers permits taking off and using again. Strong and durable at every joint.  $\frac{1}{2}$ ,  $\frac{3}{8}$  or  $\frac{3}{4}$  inch. State size wanted. Price, 25c, postpaid, 28c; doz., \$2.75, postpaid, \$2.87.



PATENTED 1910

**HOSE BANDS OR HOSE CLAMPS**

For fastening the hose to a coupling with nut and screw.

$\frac{1}{2}$ ,  $\frac{3}{8}$  or  $\frac{3}{4}$  inch. State size wanted.

Each, 5c, postpaid, 7c.

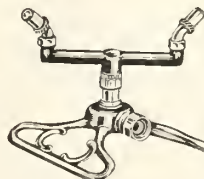
Dozen, 50c, postpaid, 60c.

**The "SNAP" HOSE COUPLING**

Best coupler, simple, durable, always tight. For  $\frac{3}{4}$  inch hose. Per pair, 30c. Just snaps together, "that's all."



**GOOSE NECK**—Use with the snap hose coupling, permits the easy swivel and prevents the hose from breaking at the coupling. Price 15c, postpaid.

**PARKSIDE LAWN SPRINKLER**

A new lawn sprinkler satisfactory for any kind of a sprinkling condition, will operate efficiently with a high or low water pressure. Has numerous applications, from sprinkling a fine mist to a course stream, from an extremely large circle to the smallest circle. For stationary sprinkling over a small concentrated or large area. Price \$3.50, postpaid \$3.65.

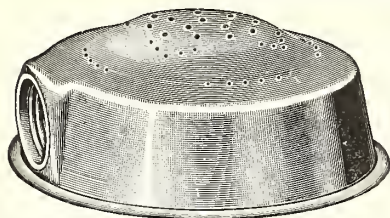
**HELENA**

is a city of wonderful shipping facilities, the home of the **STATE NURSERY & SEED CO.**, where we handle Peerless Flower, Vegetable and Field Seeds, Bulbs, Shade and Fruit Trees, Small Fruits, Hardy Shrubs, House and Garden Plants, Poultry Remedies and Supplies, Insecticides, Hand Sprayers, Dusters and Barrel Pumps, Garden Tools and Requisites. Also manufacturers of Poultry and Dairy Foods. We are no farther away from you than your **TELEPHONE** or **TELEGRAPH** station. **HELENA** has **AIR MAIL SERVICE**. Every order is given as much attention as is humanly possible.

Yours for **SERVICE** and **QUALITY**

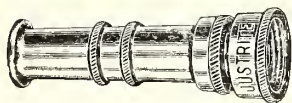


## LAWN SPRINKLERS

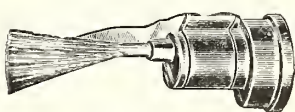
**THE SQUARE FOUNTAIN SPRINKLER**

The lower holes throw a wide spreading square, from the crown is omitted a volume of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along the walk and reach the

edges without throwing water over the passerby. It is not necessary to sprinkle half the grass twice to get over it, thus covering the ground with the least water. Made of heavy brass. Price, 65c, postpaid, 75c.



**JUSTRITE SPRAY NOZZLE**—The brass nozzle for hand use; will throw a straight stream also fine or coarse spray, and the shut off is positive, without the possibility of leakage, recommended by all. Price, 65c, postpaid, 70c.



Champion Nozzle

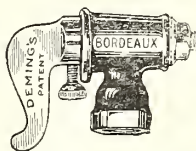
**CHAMPION NOZZLE**—Two in one combination nozzle and sprinkler, the water volume is as great with spray as with solid stream. There is no shut off and, therefore, no back pressure on the hose. Spray is graduated by the revolving sprayer plate. Price, 50c, postpaid, 60c.



Twin

**"TWIN" SPRINKLER**—See cut. Made of zinc metal and cannot rust. Will cover the lawn evenly for 16 feet radius. Very popular. Price, 45c, postpaid, 51c.

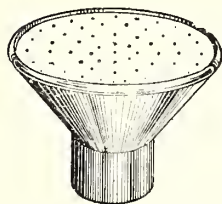
**BORDEAUX SPRAY NOZZLE**—It is a general purpose spray nozzle. Throws a solid stream, coarse or fine mist, or it may be cut off. Excellent nozzle also for white washing, disinfecting, etc. Price, \$1.00, postpaid, \$1.10.



**EUREKA SPRAYING NOZZLE**—Throws conical-shaped spray. Disgorges by pushing against fence or tree. Price, 70c, postpaid, 75c.

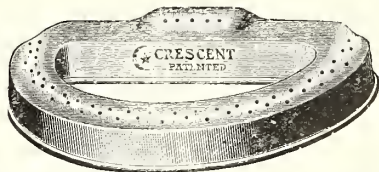


Eureka

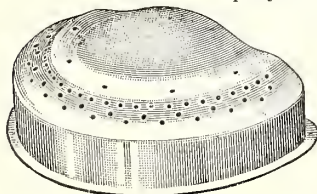


**"ROSE" or "BOSTON" SPRINKLER**—A good serviceable, low priced sprinkler, throwing the well known rose spray. Works well on either high or low pressure. Made of brass with a heavy cast brass base. Price, \$1.25, postpaid, \$1.35.

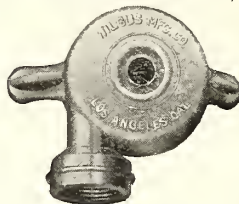
**CRESCENT SPRAYER**—A sprinkler that throws all the water to the front and sides, leaving the sidewalk dry. Price, \$1.00, postpaid, \$1.10.



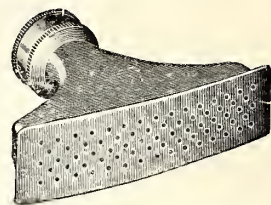
**"HANDY" FOUNTAIN SPRINKLER**—Not very big, costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray. No tipping over, just walk up to it and adjust it after the water is turned on. When held in the hand is splendid for sprinkling flowers. The weight of the metal and shape make it proof against hard knocks. Made of heavy No. 22 gauge brass. 4½ inches long by 2¼ inches high. Price, 50c, postpaid, 55c.



**FLARING ROSE SPRINKLER**—Especially adapted for flowers and delicate foliage. It throws a fine spray that can be placed exactly where you want it, without waste of water. Price 70c, postpaid, 75c.

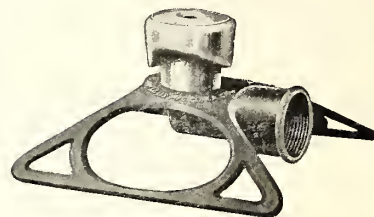


Wilgus No. 1

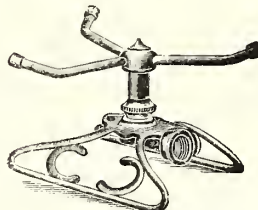


**"WILGUS" NO. 1**—The original Wilgus sprinkler; one of the leaders of the type, and one of the best. Works well on all pressures. Price, 60c, postpaid, 65c.

**"WILGUS" NO. 21**—This sprinkler is mounted on a heavy cast iron base, japanned. Meets the desire for a sprinkler that will not turn over, no matter what pressure is on hose and at same time can be moved on the sod like runners. Water is delivered in a very fine spray even on a light water pressure. Price \$1.25, postpaid, \$1.35

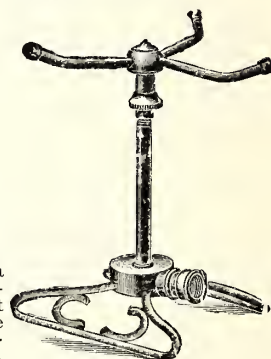


Wilgus No. 21



Zenith

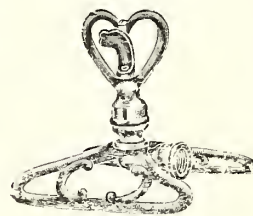
**ZENITH SPRINKLER**—Represents a new principle in revolving sprinkler heads, friction being almost eliminated, and reducing leakage to a minimum. The Zenith is mounted on a sled as shown in cut. Height, 5 inches. A very useful sprinkler. Price \$1.50, postpaid \$1.65



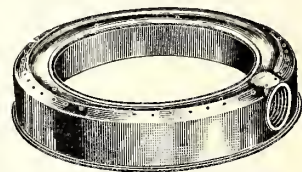
Anaconda

**THE ANACONDA**—Same as the Zenith—except the height which is 11 inches. Price \$1.85, postpaid, \$1.95.

**THE BUSY**—One of the best distributors of water on the market. Covers a circle of about 30 feet in diameter, very uniformly. The Busy is a very popular sprayer. Price \$1.10, postpaid, \$1.25.



Busy

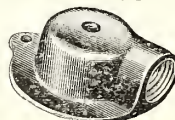


Ring

**RING SPRINKLER**—Made entirely of heavy sheet brass and measures about 8 inches in diameter. The Ring throws a fine mist, covers a large circle and can be conveniently moved about without shutting off the water. Guaranteed to stand water pressure of any Municipality. Price \$1.00, postpaid \$1.10.

**FAN SPRINKLER No. 8**—Made of zinc metal and shaped so that it will water a bed on one side only. A most convenient sprayer. Price 35c, postpaid, 40c.

**C. B. G. SPRINKLER**—"Cheap but Good"—is deservedly very popular on account of low price. Price 40c, postpaid 50c.



C. B. G.



Fan



## SPRAYERS



## HUDSON PERFECTION SPRAYER

## The World's Standard

The perfection sprayer has a tank made like a steam roller. The all riveted seams give the necessary strength for developing a high pressure which is absolutely essential for good results. The tank is 7½ inches in diameter, 20 inches long, capacity 4 gals., weight 10 lbs. The hose is 5 ply, nozzle is of the automatic type. This sprayer will handle whitewash, paints, bordeaux mixture, Paris green, etc., with equal facility. For very heavy liquids use the extra nozzle cap which is furnished with the sprayer. The perfection has the distinction of combined simplicity, convenience, strength, and service. Furnished in galvanized steel.

Price \$7.00, postpaid \$7.25.

We keep on hand extra parts for Perfection, Economy, Thrifty and Junior Sprayers

Perfection nozzle \$1.50, postpaid \$1.60; outside disk, 10c; inside disk, 10c; fine spray disk, 10c; washer, 6c; nozzle cap, 50c; nozzle screen, 10c; ball, 25c; gaskets, 15c; shoulder strap with snaps, 35c; valve spring for bottom of pump, 15c; handle, 35c; postpaid 45c; pump plunger leather, 10c; nozzle and extension rod with hose and clamps attached, \$2.25; postpaid, \$2.35.

## HUDSON ECONOMY SPRAYER

Second only to our Perfection sprayer, made practically the same as the Perfection, but of a little lighter material. Capacity approximately 4 gallons. Price \$5.00, postpaid, \$5.25.

## HUDSON THRIFTY SPRAYER

Is designed to give the purchaser the greatest possible value at an attractive price, made practically the same as the Perfection but of a smaller capacity. About 3¼ gallons. Price, \$4.25; postpaid, \$4.50.



## HUDSON JUNIOR SPRAYER

The Junior Sprayer is made for the man who needs a high pressure compressed air sprayer smaller than the Perfection. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfectants in hotels, restaurants, theatres and other public buildings. It will do any work the larger models can, for it differs only from the perfection in capacity. It is substantially made and will give entire satisfaction. Tank 6½ in. in diameter, 17 in. long; capacity about 2½ gallons. Made of first quality galvanized steel.

Price \$5.00, postpaid, \$5.25.

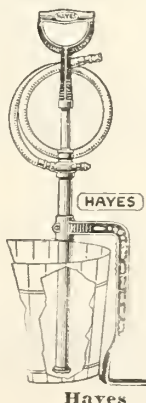
Extra Hose, ¾ inch for Perfection, Economy, Thrifty and Junior Sprayers 20c per foot in any length

## HAYES BUCKET PUMP

All working parts are brass, solid bronze ball valves, malleable iron foot rest, double acting, discharges one half the solution on both the up and down stroke, giving continuous spray. Light in weight, easy to carry, yet a strong and powerful pump made of tested materials, strong and substantial, they will give long wear and satisfactory service. Will develop strong pressure.

Price \$5.25, postpaid, \$5.50.

8 foot galvanized extension \$1.50, postpaid \$1.60. Bucket clamps 50c each, postpaid, 60c.

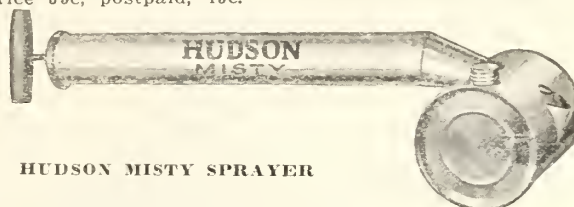


Hayes



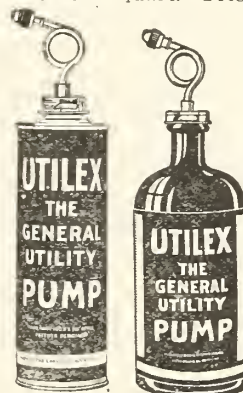
## HUDSON MIDGET SPRAYER

HUDSON "MIDGET" SPRAYER—A small, compact, substantial and very efficient sprayer. The midget is ten inches long, capacity one pint. Throws a fine uniform spray, and is an indispensable aid to the housewife for spraying house plants. Price 35c, postpaid, 45c.



## HUDSON MISTY SPRAYER

HUDSON MISTY SPRAYER, is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry house, barns, etc. Made of good tin and holds 1 quart. Price 50c, postpaid, 60c.

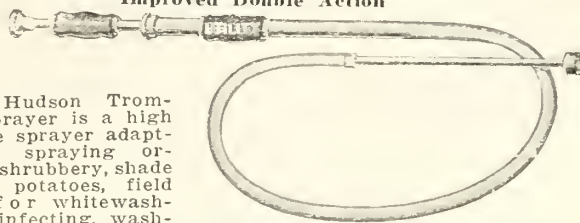


## UTILEX SPRAYER

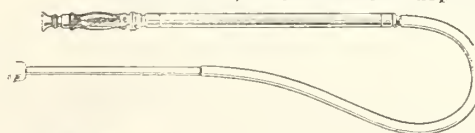
"Puts the Liquid where you want it"  
Stream or Spray

The general utility sprayer is a popular article for use in the home, laundries, dry cleaners, painting and decorating, in the garden, in fact can be used for all purposes, you can use oil, kerosene, gasoline, water, polishes, insecticides, semesan, disinfectants, etc. Very convenient for spraying indoor plants and flowers. Utilex is an all brass pump which fits into either of two containers. Tin or glass. See illustration. Full directions enclosed with each sprayer. Price 75c, postpaid, 85c.

No. C-Tin No. B-Glass

HUDSON TROMBONE SPRAYER  
Improved Double Action

The Hudson Trombone Sprayer is a high pressure sprayer adapted for spraying orchards, shrubbery, shade trees, potatoes, field crops; for whitewashing, disinfecting, washing windows and automobiles, fighting fires and numerous other purposes. It is double acting, maintaining a steady discharge. May be used with a bucket, barrel or tank fitted with all purpose nozzle which produces any desired type of spray from a fine mist to a solid stream. Price \$4.50, postpaid, \$4.75.

THE STANDARD SPRAY PUMP  
A one-man, One Hundred-Purpose Pump

As supplied for spraying from bucket.



Using the Standard Pump with bucket and long hose

Used with bucket, knapsack, tank or barrel for spraying orchards, gardens, vineyards, also whitewashing, disinfecting poultry houses, killing vermin on stock, etc. It is made entirely of brass with two solid brass valves, no leather suckers or washers, no casting to rust, no leaking joints, no lost motion, nothing to get out of order. The accompanying illustration shows the standard spray pump attached to bucket with 30 feet of hose, enabling the operator to walk around without moving the bucket, covering the entire tree from the ground without the use of elevated platforms or ladders. Equipped with combination nozzles producing a fine mist—a wide spray 15 to 20 feet, or a solid stream 50 to 60 feet. Guaranteed 5 years. Price each \$6.00, postpaid \$6.25.

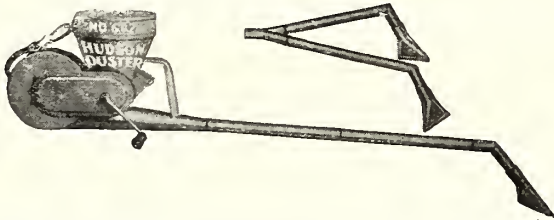


**CARBOLA HAND DUSTER**

This little Hand Duster is so constructed that it emits powder in clouds of the right consistency, at the same time works easily. The

Carbola Hand Duster is the most efficient Duster on the market, and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability. It is so simple in construction that it eliminates all trouble.

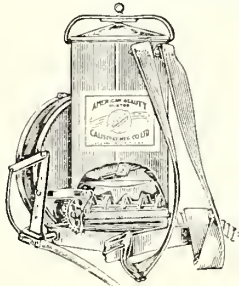
Price \$1.25, postpaid \$1.35.

**HUDSON HAND DUSTER**

The Hudson Duster develops an unusually powerful air blast. It delivers sufficient air at the nozzles to prevent clogging, and to break the powder into a fine floating dust. The oscillating agitator keeps the powder from caking in the hopper and also feeds the powder down into the delivery spout. It can be set to feed exactly the amount of powder required. Will handle any powder, whether light or heavy. Capacity 5 to 10 pounds, depending on the powder used.

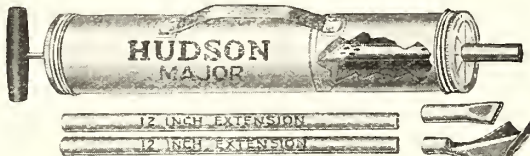
Made of lead coated steel throughout, neatly painted and finished. Gears are steel, machine cut, run in oil, reducing wear and noise. Gear case is oil and dust proof, yet readily accessible. Discharge equipment consists of two nozzles, two elbows, a wye connection, and four 15-inch tubes. This permits the use of one or two nozzles. Equipment can be arranged to dust plants from above or from under side as for Aphids, on bushes, trees, etc.

One in a heavy fibre carton. Shipping weight 22 pounds. Price \$15.00. If wanted by mail add postage.

**THE AMERICAN BEAUTY DUSTER**

The most powerful hand duster made. Has a large, powerful bellows, that throws dust to the top of trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price

\$18.00. Write for leaflet of the American Beauty Dust Sprayer.

**HUDSON MAJOR DUSTER**

USED FOR CYANOGAS TO KILL GOPHERS

This model of Major Duster is designed for handling Cyanogas. Equipped with 12-inch pipe extension and a 12-inch piece of flexible tubing. This may be attached directly to the duster, then the hose slipped on the far end. This equipment facilitates reaching underground passages of gophers, rats, moles and other burrowing pests.

May also be used in the back yard garden, barn yard, on truck and field crops, dusting vines and plants, etc. Produces as generous a volume as is desired, from a very thin haze to a very heavy cloud.

Large filler cap facilitates loading. Strainer designed to prevent clogging and to insure uniform volume of discharge.

Price, \$1.50, postpaid, \$1.60.



Scollay Rubber Sprayer

**SCOLLAY RUBBER SPRINKLER** — For spraying small plants. An ideal one for house use. When once used you will wonder how you got along without it. Will last a lifetime. The Best Rubber Sprayer Made. Price \$2.00, postpaid \$2.10

**THE CYCLONE SEEDER**

THE WORLD'S STANDARD SEED SOWER



CAN SOW Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hour's work, because its absolutely even distribution will make three bushels do the work of four. Each \$2.25, postpaid, \$2.35.

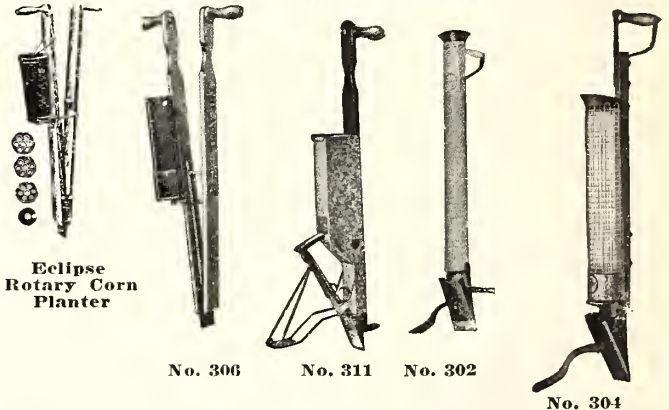
THE SOWER THAT SATISFIES

**CORN AND POTATO PLANTERS**

**ECLIPSE ROTARY CORN PLANTER**—The Eclipse is the most perfect Rotary Corn Planter on the market, having a positive feed and four changes of discs. It is extremely simple and works much easier than other styles. Highly recommended. Price, \$2.75, postpaid, \$2.90.

**ACME CORN PLANTER NO. 306**—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. Strong, durable, reliable and gives universal satisfaction. Each, \$1.60, postpaid, \$1.75.

**SEGMENT CORN PLANTER NO. 311**—(See illustration). An all metal planter which is operated by a spring with the foot, strong, reliable tool. Each \$2.50, postpaid \$2.65.



**ACME POTATO PLANTER NO. 302**—A very handy tool, with jaws of crucible steel, points polished, galvanized iron, taper conveying tube, natural finish. Height 36 inches. Price, \$2.00, postpaid, \$2.25.

**POTATO PLANTER NO. 304**—A light tubular planter. Its spring closed jaws are specially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. See cut. Price, \$2.25, postpaid, \$2.35.

**THE PEERLESS BARREL PUMP**

For Spraying Small and Medium-Sized Orchards, etc.

**PEERLESS BARREL PUMP**

The "Peerless" has become a very popular sprayer. It ranks first among the medium priced thoroughly tested out. Its rigidity during operation by anchor in bottom of barrel is a most desirable feature. It is a boon to the average farmer who is not engaged extensively in fruit growing. The "Peerless" is very compact, durable and efficient.

The "Peerless" barrel sprayer has one 12½ foot section of ½ inch hose, couplings, agitator and disk strainer, also Simplex Nozzle.

No. 1721—Price complete \$15.50.

Direction for use furnished with each Sprayer. Special pump and sprayer catalog free on request.



Peerless No. 1721

**BAIT-M**—Protects Tomatoes, Cabbage, Cucumbers and other Plants from cut worms. Easily applied. See page 131.

TRY A PLANT OF THE NEW BIDES N. C. O. TOMATO—See Page 50



## THE CYCLONE PLANTING AND PICKING BAG



A combination of convenience and comfort for the one who plants potatoes, picks apples, or gathers seed corn, etc.

Makes a nice Clothes Pin Bag for the laundry lady.

Is nicely made from heavy duck and has a heavy adjustable web strap.

The mouth of the bag is fitted with a steel frame which keeps it open. It hangs in comfort and leaves both hands free. Price 85c, postpaid, 95c.

## TROWELS



Kingsbury Trowel

The Kingsbury one-piece trowel is a big favorite because it is so easy to use. The blue-laquered handle is carefully shaped to give a firm grip, yet has no rough edges to cause discomfort. Built of unbreakable, unbendable sheet steel, shaped into a perfectly balanced tool, whose sharpened blade is coated with rust preventive. Shaped to Fit the Hand. Price 50c, postpaid 60c.



No. 213—Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. The blades will not pull off the shanks.

Price 6 inch blade, each 30c, postpaid, 40c.



No. 216—Ladies Flower Trowel. Riveted by new method. Price 6 inch blade, 25c, postpaid, 30c.



No. 217—Transplanting Trowel, the blade and shank of this trowel are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings.

Price 6 inch blade, 30c, postpaid, 35c.

## LONG HANDLE GARDEN TROWEL



No. 2120—The blade and shank are made of one piece, forming a socket, which makes it very strong and durable. The blade is nicely polished and enameled a bright red. It has a long polished handle. 6 inch blade. Price 50c, postpaid, 60c.

No. 217A—Transplanting Hoe Trowel, 7 in. each 35c, postpaid, 45c.

## DIBBLE

For Transplanting Vegetable Plants, Etc.

DIBBLE—No. 220—Iron Dibble, usual size, handiest tool ever made for transplanting cabbage, etc.

Each, 90c, postpaid, \$1.10.



## WEEDERS

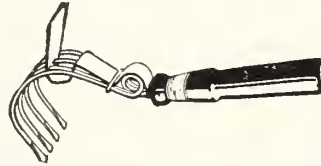


LANG'S HAND WEEDER—One of the handiest tools yet devised for weeding and thinning out.

Each, 25c, postpaid, 30c.



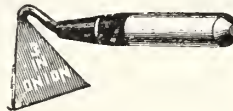
EXCELSIOR WEEDER — A very useful tool for weeding seed beds. For stirring the ground, etc. no one should be without one. Each, 25c, postpaid, 30c.



MAGIC WEEDER—A very handy tool for use among flowers and small vegetables. Destroys the weeds and leaves the earth about the roots themselves. Price, 55c, postpaid, 62c.

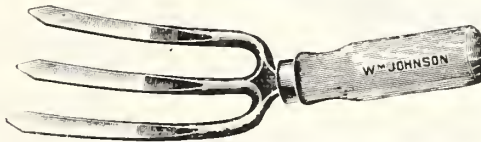


MAGIC WEEDER No. BB—A tool light enough and long enough, 36 inch handle for use with one hand without stooping, very handy for weeding flowers and small vegetables. Price, each, 45c, postpaid, 55c.



SUPERIOR WEEDING HOE—3 in. cut, 11 in. handle. Very useful article for the garden. Each, 80c, postpaid, 85c.

## WEEDING FORKS



GARDEN WEEDING FORK NO. 300—3 tine, very strong, useful tool. Each, 55c, Postpaid, 60c.

GARDEN WEEDING FORK NO. 400—4 tine, short handled, very strong, useful tool. Each, 35c, postpaid, 47c.



ASPARAGUS KNIFE—(American)—This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as dandelions. Each, 50c, postpaid, 60c.

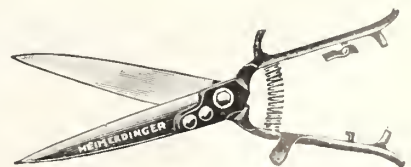
## LITTLE GIANT GRASS HOOK



Is a miniature scythe and cuts like a scythe. Very handy for cutting grass, etc. A very useful article. 12 in. blade. Price, 80c, postpaid, 90c.

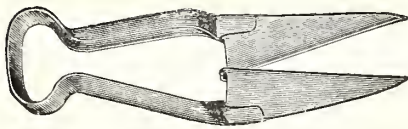
## GRASS SNIPPER

A very practical shear for cutting grass, light vines, etc. Six inch blade; length overall 12 inches. Each \$1.00, postpaid \$1.10.



Grass Snipper



**GRASS SHEARS**

**SUPERIOR GRASS SHEARS**—A good article at a low price, pair 50c, postpaid, 60c.

**HARTFORD GRASS SHEARS**—Tool steel, the best that money

can buy; pair 75c, postpaid, 85c.

**PRUNING SHEARS**

**HARTFORD PRUNING SHEAR**—Polished steel blades. Double brass flat springs. The best for vineyard and other pruning. Very strong, 9 inch. Price, \$2.65, postpaid, \$2.75.

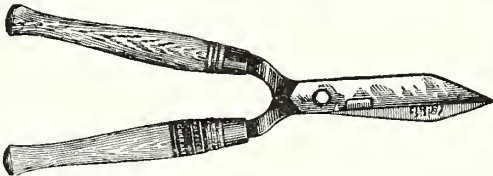


**SUPERIOR PRUNING SHEAR**—Malleable iron handle, polished steel blade with blue steel volute spring, 9 inch. Price, \$1.50, postpaid, \$1.70.

Extra Springs for Superior Pruning Shears price 25c, postpaid.

**PEERLESS HAND PRUNER**

A good and powerful pruner. Blades are forged from best quality tool steel and finely tempered, correctly shaped for clean and rapid cutting. Seamless steel ferrules, heavy ash handles. Length 30 in. Price \$4.50, postpaid \$4.75.

**HEDGE SHEARS**

**HEDGE SHEARS—ZENITH**—Useful in trimming shrubs, small bushes and trees; also preferred by many for edging lawns and beds. Blades are polished solid cast steel.

No. 485L—6 inch blade, per pair, \$2.25, postpaid, \$2.40.

No. 485M—8 inch blade, per pair, \$3.25, postpaid, \$3.50.

**PRUNING KNIVES**

Good grip wooden handles with three inch blade.  
No. 5C, each, postpaid .....\$2.00  
No. 2C, each, postpaid .....\$2.25

**WATERS TREE PRUNERS**

The best pruner on the market. Cuts limbs up to ¾ inch in diameter. The spring on the handle resets the cutting blade.

Prices  
6 ft. ....\$2.50  
8 ft. ....\$2.75  
10 ft. ....\$3.00  
12 ft. ....\$3.50

Tree Pruner Springs, each .....30c  
Tree Pruner Blades, each .....50c

Tree pruners can not be sent by parcel post.

**DOUBLE-EDGE PRUNING SAW**

**Double-Edge Pruning Saw**—Has fine teeth on one edge and "Lightning" teeth on the other. Each, \$2.25, postpaid, \$2.35.

**Bird's IMPROVED NEPONSET Flower Pots****BIRD'S NEPONSET WATER-PROOF PAPER POTS**

The unequalled paper pot for transplanting young plants of all kinds, light, strong, water-proof and inexpensive. Try them if you raise your own tomato and other vegetable plants. These pots are used to start young plants and seed and the pot is later inserted in the soil with the plant.

	per doz.	Postpaid per doz.	per 100	Postpaid per 100	per 100 F. O. B. Helena
2 1/4 inch	10c	14c	\$ .65	\$ .75	\$ 5.50
2 1/2 inch	15c	18c	.80	.90	6.25
3 inch	20c	27c	1.25	1.38	8.25
3 1/2 inch	22c	30c	1.40	1.57	10.50
4 inch	25c	35c	1.60	1.80	13.25
5 inch	35c	47c	2.50	2.73	21.00
6 inch	45c	57c	3.25	3.55	28.00

**STANDARD FLOWER POTS (Clay)**

Inside Measurement	Approximate weight	F. O. B. Helena
		Each Doz.
2 inch	per dozen 3 lbs.	\$.03 \$ .30
2 1/2 inch	" " 4 lbs.	.04 .40
3 inch	" " 5 lbs.	.05 .50
4 inch	" " 12 lbs.	.06 .60
5 inch	" " 18 lbs.	.09 .90
6 inch	" " 25 lbs.	.15 1.50
7 inch	each 3 1/2 lbs.	.20
8 inch	" 4 1/2 lbs.	.30
9 inch	" 5 1/2 lbs.	.50
10 inch	" 10 1/4 lbs.	.70
12 inch	" 14 1/4 lbs.	1.20

**NOTICE**—Add 25c for packing charges on Pots. By Express or Freight ONLY at Purchaser's Expense

**FLOWER POT SAUCERS (Clay)**

Inside Measurement	Approximate weight each	F. O. B. Helena
		Each Doz.
4 inch	8 oz.	\$.05 \$ .50
5 inch	10 oz.	.06 .65
6 inch	13 oz.	.09 .85
7 inch	1 1/4 lbs.	.10 1.00
8 inch	1 1/2 lbs.	.12 1.30

**NOTICE**—Add 25c for packing charges on Saucers. By Express or Freight ONLY at Purchaser's Expense

**POT LABELS**

Size	For Pot and Garden Plants—Painted		postpaid	
	per 100	per 500	per 1000	per 1000
4 inch	\$.35	\$ .42	\$1.35	\$1.45
5 inch	.45	.52	1.60	1.70
6 inch	.50	.57	2.10	2.20
8 inch	1.20	1.30	5.20	5.35
10 inch	1.70	1.80	7.75	7.85
12 inch	2.00	2.10	9.25	9.33

**TREE LABELS**

3 1/2 inch wood, wired, for trees, shrubs, etc., per 100 45c, postpaid 52c; 500 \$1.90 postpaid \$2.00; 1000 \$3.50 postpaid \$3.62.

**PLANT STAKES**

Light, Round, Painted Green

Size	per doz	postpaid per doz	per 100	postpaid per 100
12 inch	10c	18c	50c	65c
18 inch	15c	35c	75c	95c

**RAFFIA**

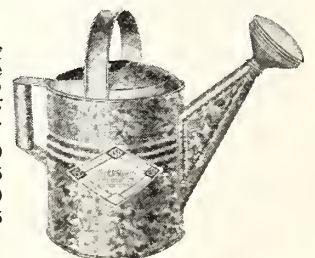
**RAFFIA** — Useful material for tying plants; also used for basket making. Per lb., 45c; postpaid, 55c.

**WATERING POTS**

Round, regular style, made of heavy galvanized iron, wide spouts, with removable rose, also equipped with radiator filling spout. Made well and substantial.

8 quart	.....\$1.00
10 quart	.....\$1.25
12 quart	.....\$1.50
16 quart	.....\$1.75

By Express Only







# Planet Jr. Garden Tools



The name "Planet Jr." has become synonymous with labor saving among gardeners and farmers everywhere and they instinctively want the implement that bears this trade mark. The times demand maximum production; and gardeners and farmers are on the alert for aid to get the biggest return from the soil for the least expenditure of time and effort.

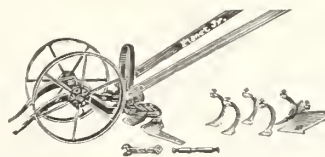


**No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—**  
Price complete (weight 50 lbs.).....\$18.00

**No. 4D—As a Seeder only (Holds 2½ quarts of seed).....\$14.25**  
This accurate durable and easy running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth, covers them, and marks out the next row at one passage. No time is lost. No seed is wasted.

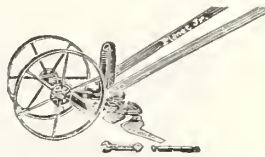
**No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow—Weight 33 lbs. Price.....\$10.75**

This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters. The attachments sold with No. 12 are what gardeners use most.



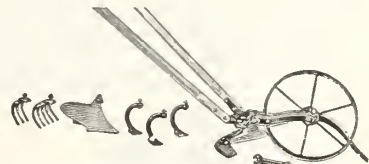
**No. 13—Planet Jr., Double Wheel Hoe**  
Price.....\$8.00

The greatest hand cultivating tool in the world for every grower of garden and market garden crops. They do more and do it better and easier than can possibly be done in any other way where rows are too close for horse work. Has 1 pair 6-inch hoes only. Useful throughout the season. Other attachments can be added. 30 lbs.



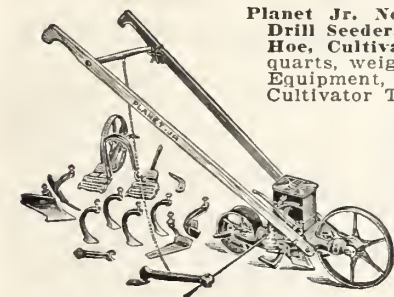
**No. 16—Planet Jr. Single Wheel Hoe—Weight 23 lbs. Price.....\$9.00**

These Single Wheel Hoes are the highest type of their class. They have a great number of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.



**No. 17—Planet Jr. Single Wheel Hoe—Price.....\$7.75**  
You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth; an outfit sufficient for most garden work. 26 lbs.

**No. 18—Single Wheel Hoe**  
Price.....\$5.75  
Same as No. 17 except has one pair of 6-inch hoes only. Other attachments can be added as needed. 21 lbs.



**Planet Jr. No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow—Holds 2½ quarts, weight complete 61 lbs.....\$21.50**  
Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards, one Marker. This is a tool for Market Gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of Onion Seed.



**Planet Jr. No. 119—Garden Plow and Cultivator—Has a strong steel wheel twenty-four inches in diameter, making an easy running tool for any garden work. Equipment: one 1¾ inch and one four inch cultivating tooth, one plow and one reversible scuffle blade. A very popular machine. Weight 13 lbs. Price \$4.75**

NOTICE—If "Planet Jr. Cultivators" are wanted by Parcel Post add postage—Postage Rates See Page 142

## CULTIVATING ATTACHMENTS FOR PLANET JR. TOOLS

### Handles

Per Pair \$1.10, postpaid \$1.20



**Plow for Single Wheel Hoe**

\$1.65, postpaid \$1.80



**Plows for Double Wheel Hoe**

per set  
\$2.10, postpaid \$2.30



**L. Hand R. Hand  
S100 Hoes S101**

Supersedes all others

6-inch

per pair

\$1.60, postpaid \$1.75



**5 Prong Cultivating Attachment**

\$1.35, postpaid \$1.50



**Rakes**

Excellent for Fine Cultivation

5-tooth, per pair  
\$1.90, postpaid \$2.00  
7-tooth, per pair  
\$2.85, postpaid \$3.15



**Double Mouldboard Plow**

Fits single wheel hoe

\$2.75, postpaid \$3.00



**Cultivator Teeth**  
All Steel

Each 45c, postpaid 50c



**Three Prong Cultivator Teeth**

per pair

\$2.20, postpaid \$2.40



**Disc Hoes**

per pair

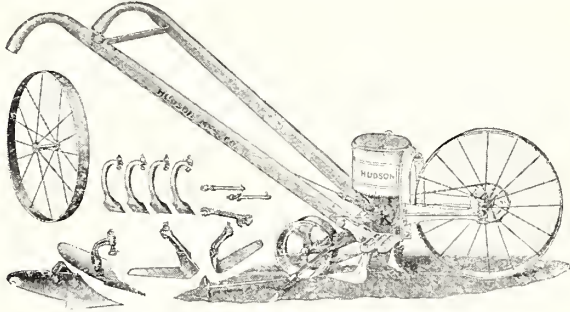
\$4.00, postpaid \$4.25

NOTICE—IMPORTANT—When ordering extras, state number on the broken part, also number of machine. The New "PLANET JR." Catalog—Full of little points that bring profit. Full of true and handsome illustrations. Mailed Free on request.



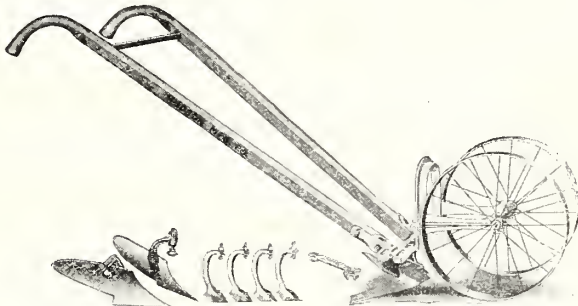
### HUDSON HILL AND DRILL SEEDER SINGLE OR DOUBLE WHEEL CULTIVATOR

The No. 201 seeder and cultivator is a combination outfit having equipment to serve the gardener from seeding until final cultivation. It sows in hills or drills any garden seed from peas or beans down to the finest varieties. As a seeder it opens the furrow, drops the seed, closes the furrow, packs the earth and marks the next row. It is a master tool and is fitted with adjustments to care for every gardening requirement. Price \$20.50.

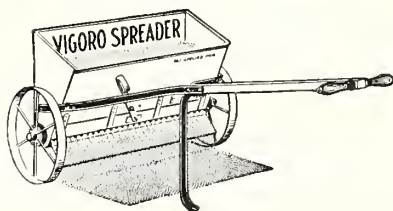


### HUDSON DOUBLE AND SINGLE WHEEL CULTIVATOR

The No. 212 cultivator may be used as a double wheel hoe, plow or cultivator astride the row during early cultivation, and as a single wheel cultivator between the rows later. The angle steel arch is high enough to permit straddling until the plants are well grown. Standard steel frame is used so that seeder parts may be added if desired. Price \$12.50.



### THE VIGORO SPREADER



This new lawn tool (seeder and spreader) was especially designed for small lawns. Merely fill the hopper from the container (your hands need not touch the material). It holds 25 lbs. Get the slide and run it over the lawn, so simple, so easy, a child can run it. Spreads 14 inches wide and operates faster than a lawn mower. Very substantially constructed and has a quick acting slide adjustment, spreads accurately and uniformly in any quantity desired of all grass seeds, plant food, etc. No seeds or fertilizer wasted, leaves no ridges or bare spots on the lawn. It sows close to the ground and avoids the loss by wind.

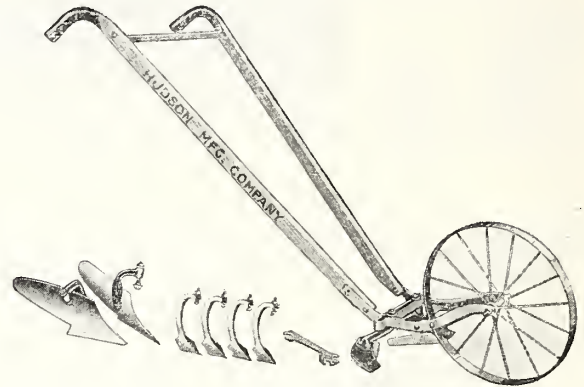
Use the Vigoro spreader in spring, summer and fall. Then use it in winter also for spreading sand or salt on icy walks and drives. Saves time, labor, seed and plant fertilizer. Price, each, \$9.50.

### GARDEN EXERCISE PAYS BEST

Have a garden. Get out in the open and dig. It will bring you good health and will keep you fit. You will get wholesome muscle-hardening exercise. Your brain will clear for business, your appetite will improve, you will sleep nights.

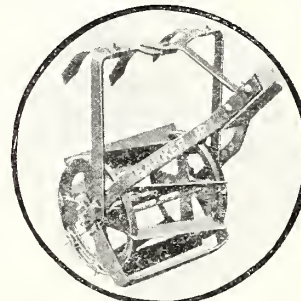
Mother Earth is the best tonic, and the best pay-master. A good garden will make a big difference in your grocery bill—maybe save a doctor's bill.

### HUDSON GARDEN CULTIVATOR



The No. 229 cultivator is built without an arch. It is intended for use as a single wheel tool only. It is equipped with four high carbon steel cultivating teeth which stir up the soil thoroughly also a pair of 8 inch hoes. Price, \$8.25.

### BARKER WEEDER, MULCHER AND CULTIVATOR



This is a practical as well as up-to-date hand cultivator, doing better work than many others; it has small pointed shoes or hoes. The Barker is made on the principle of a lawn mower, the long revolving blades working up the surface of the ground thoroughly cutting weeds and separating them from the soil, so that they are easily destroyed. More effective, as no weeds can be missed and a fine mulch is left over the surface of the ground which prevents the evaporation of the moisture.

Each machine is fitted up with leaf guards and tooth attachments. The 9 inch is for ordinary use.  
No. 9 D.—Complete with all attachments, 9 inch .....\$ 9.50  
No. 10 D.—Complete with all attachments, 10 inch .....\$10.60  
No. 11 D.—Complete with all attachments, 11 inch .....\$11.75

### SPRAYING TO BE EFFECTIVE, MUST BE DONE WELL

The ever increasing inroads of insects and disease has rendered it necessary to get adequate sprayers to meet this necessity.

**Caution Against Spraying When Trees are in Full Bloom—**  
Spraying when trees are in bloom may destroy bees and other insects necessary to pollinate, and these natural agents should not be interfered with as their work of transferring the pollen insures beautiful crops and shapely fruit.

### RAPID SERVICE

During the Spring months we receive hundreds of orders every day and usually every order is shipped the same day as received. The demand for State Nursery & Seed Co's. Peerless seeds continues to increase every year. Our sales for 1930 exceeded all previous years and now we offer the highest quality seeds obtainable at

### LOWER PRICES

because of the increasing volume of State Nursery & Seed Co's. Peerless seeds, and economy in handling.

We are able to give our customers the benefit of lower prices.

### MAKE YOUR GARDEN WORK

Many people think that seeds cannot be planted any other time than in April and May. This is far from true. The wide-awake gardener begins sowing as early in the spring as possible, and sows succession crops throughout the summer and until late in the fall. Succession crops are most important, since they provide fresh vegetables for fall and winter use. A cellar full of stored vegetables is a good investment. Grow all the vegetables your garden can produce.

### SUCCESION CROPS

Early beets followed by celery.  
Early beans followed by turnips.  
Lettuce or onion sets followed by tomatoes.  
Radishes followed by tomatoes.  
Spinach, lettuce or radishes followed by cabbage.  
Early peas followed by peppers, eggplants or tomatoes.  
Begin on the second crop the day you remove the first crop.  
Dig the soil and add a little manure.  
Make several plantings of beans and peas to have a fresh table supply all season.

Let's hope the time will come when the buyer of seeds will first say "How good is this seed?" before asking "How much does it cost?"



# Goldfish and Aquarium Supplies

Our Goldfish are raised in the open under natural conditions, where the finest body and fine development are produced, combined with wonderful coloring and vitality. Shipments are made throughout the year with the exception of the hot summer months.

ALL FISH, AQUARIUMS AND SUPPLIES ARE SHIPPED BY EXPRESS, CHARGES COLLECT

## Some Simple Directions for Care of Fish when Received

Immediately upon receiving shipment remove fish to another container having the water the same temperature as that in the shipping can. Salt the new water in proportion of 1 tablespoonful of salt to a gallon of water. In about 10 minutes remove fish from this container to your aquarium or bowl and have temperature of this water the same as that from which they have just been removed.

Goldfish should never be changed suddenly from water of one temperature to that of another.

Many a fish is killed by kindness, that means over-feeding. Feed lightly about twice a week. Our natural fish food is a good diet for them, it is composed of cereals, dried shrimp, fish insects and laxative salts. We recommend this food in place of the common white wafer.

## PRICES OF DIFFERENT SPECIES OF FISH

Common Gold Fish from 2 inches to 4 inches long, each, 25c, 35c, and 50c.

Fountain Size Gold Fish "breeders" 6 to 8 inches long, \$2.00 each.

Long Tail Comets, 50c, 75c and \$1.00 each.

Japanese Nymphs, 75c, \$1.00 and \$1.50 each.

Japanese Fantails, 75c to \$2.00 (ask for special prices on 1, 2 and 3 year old fish of this species).

Chinese Moors (black with telescope eyes) \$1.00, \$1.50 and \$2.00 each.

Chinese Telescope, (gold and silver) \$1.00, \$1.50 and \$2.00 each.

Ask for prices on above two varieties of fish of special breeding 2 and 3 years of age.

Shubunkins (fancy scaleless fish of variegated colors originating in Japan) \$1.00, \$1.50, \$2.00 each.

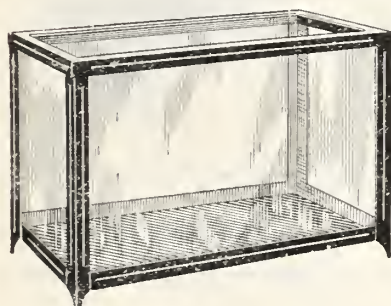
Write for prices and description of other fancy and imported Japanese fish such as

Ruikun, Oranda Limeheads, Calico, and telescope Fantails (Demekin), etc.

SHIPPING CONTAINER AT COST—30c EXTRA



Long Tail Comet



Treasure State Aquarium

## TREASURE STATE COLLECTION

This beautiful collection includes 1 oblong aquarium, (1 gallon capacity); 3 brilliantly colored goldfish; 1 aquarium ball; 1 aquatic plant; 1 Castle ornament; 1 Japanese Snail, also silica sand and gayly colored sea shells and a box of our Natural Fish Food. PRICE COMPLETE, \$5.00.

## PRICES OF AQUARIUMS AND BOWLS

Treasure State Aquarium: capacity 1½ gallons; 10¼ by 5 by 7½ inches, each \$3.00.

### Nickeloid Aquariums

Long	Wide	Deep	Gals	Price
14 inches	6½ inches	9 inches	3½	\$ 7.50
16 inches	8½ inches	10 inches	6	\$ 9.50
18 inches	10½ inches	11 inches	9	\$12.50

Prices furnished upon request for aquariums larger than the above. Shipping crate 50c extra.

Squat shaped Fish Globes—1 gallon \$1.00; 2 gallons \$1.50; 3 gallons \$3.00.

Colored footed Squat Globes—(canary or green) 1½ gallons, \$2.50.

Drum Shaped Clear Glass Globes—(a new shape) 2 gallons \$2.00.

Castle Ornaments—Assorted sizes from 15c to 75c each.

Aquarium Balls—Another aquarium ornament brilliantly colored with small opening in which sprays of moss may be inserted. Small 15c; large 25c.

Mermaids and Bathing Girls—Unique aquarium ornaments, 25c, 35c, 50c, 75c and \$1.50.

Fisher Boys—Depicting white or negro boy seated along the water with fish pole grasped firmly in right hand and patiently waiting for a bite. An unusual and interesting decoration for square aquariums, cannot be used on bowls. Made of Bisque with attractive coloring, small 50c, large \$1.00.



Castle Ornament

Aquarium Cement—\$1.00 per pound.

Dipnet—For removing and transferring fish from aquariums, 50c each.

Sea Shells—Brilliant and fast colors, 20c per box.

Pearl Chips—Natural colors, 20c a box.

White Silica Sand—15c per box, postpaid, 25c.

Rubber Siphons—For emptying aquariums, complete with attachments, \$1.50.

Artificial Water Hyacinths—15c.

## SCAVENGERS

Scavengers are important in taking care of the wastage of the aquarium or bowl.

Tad Poles—(Giant Gray) 15c each.

Water Lizards—35c each.

Snails—35c each.

Geographical Turtles—35c each.

## FISH AND TURTLE FOOD

Natural Fish Food—(tin box) 15c each.

Spratt's Zeke—(for turtles) 15c a package.

## FISH MOSS

Fish Moss—Bunches of cut aquatic moss which when placed in the fish bowl or aquarium generates oxygen in the water, acts as a food for the fish and adds a natural beauty to the bowl or tank. Price, per bunch, 25c.



Squat Shaped Fish Globe



# WATER LILIES

**Marliaceae Albida**—A very large sparkling white flower, a very vigorous variety, with stamens yellow, blooming continuously throughout the season. Each \$1.50.

**Marliaceae Chromatella**—Flowers of charming canary yellow, from four to six inches in diameter. The leaves are beautifully mottled with brown. Fast grower and the best yellow lily. Each \$2.25.

**Tuberosa Richardsonii**—Flowers are double and pure white and very large, and fragrant. Each, \$1.25.

**Marliaceae Rosea**—Flowers are a soft rose pink with the young leaves a blush red changing to a deep green. A vigorous grower and free bloomer. Each \$3.00.

**Rose Arey**—Flowers are a deep cerise pink and large, measuring from 5 to 8 inches in diameter. A continuous bloomer and a strong heavy grower. Each, \$3.00.

**Eugenia de Land**—Flowers a deep rose pink with petals long and lanceolate, stamens yellow. Very fragrant and desirable. Each, \$2.00.

**Sioux**—Flowers are large and a rich dull bronze when first opened changing to a reddish cast on succeeding days. This is a star shaped variety. The plant blooms vigorously throughout the season. Each, \$2.75.

**Pink Opal**—A deep rich pink with a pleasing fragrance. Short petalled flowers standing well above the water. Each, \$2.50.



Water Lily—M. Albida

OUR SPECIAL WATER LILY COLLECTION	
Mar. Albida—white .....	\$1.50
Mar. Chromatella—yellow .....	\$2.25
Eugenia de Land—pink .....	\$2.00
Total .....	\$5.75
OUR PRICE AS A COLLECTION \$5.00	

## AQUARIUM PLANTS

**Water Hyacinths**—The plant is a floater and only requires placing in water. For best results it should be confined to shallow water, two to eight inches deep, where it will root into the mud and be a mass of bloom from July to September. Price per plant, 25c.

**Cabomba Moss**—A fine moss for the aquarium, delicate like in structure and supplying much oxygen to the water. Dark green in color and very beautiful as it sways gently in the water. Price, per bunch, 25c.

**Anacharis Moss**—One of the best aquarium plants, and excellent oxygenator. Moss like in form with leaves growing on a fragile stem, of dark green growth and very easy to keep in the aquarium. Price, per bunch 25c.



Water Hyacinth

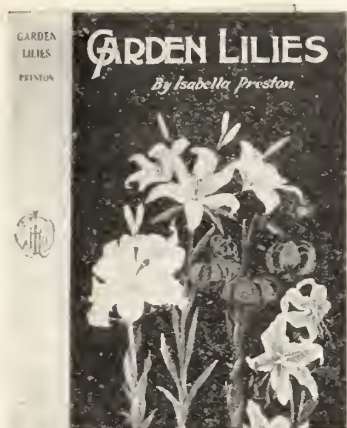
As the different varieties of fish moss are not available during certain seasons of the year we reserve the right to substitute a seasonable moss.



View showing part of the beautiful Flower Show held in connection with the Montana State Florists Association in Missoula, Montana last Fall



# PRACTICAL FARM BOOKS



## VEGETABLE GARDENING

- Vegetable Gardening**—R. L. Watts. New revised Edition. It covers every phase of vegetable gardening and is invaluable as a handbook for practical growers ..... 2.50
- Vegetable Forcing**—R. L. Watts. Exceedingly valuable to all practical growers whether producing for commercial purposes or for the home table ..... 3.00
- Mushroom Growing**—B. M. Duggar. The whole subject is treated in detail minutely and plainly, by a practical man ..... 2.00
- Cauliflower and Broccoli**—A. G. C. Bouquet. The book contains the very information needed by growers for the successful culture of these crops ..... 1.25
- The Potato**—S. Fraser. This is the most complete, reliable and authoritative book published on the subject ..... 1.10
- New Onion Culture**—T. Greiner. Growing onions of the largest size and yield on less land than can be raised on the old plan ..... 1.10
- Potato Production**—By L. E. Nixon. covers every phase of cultivation, harvesting, shipping, storing and marketing. A real guide for growers where profits are a first consideration ..... 1.25

## FRUIT GROWING

- Principles and Practice of Pruning**—M. G. Kains. Prepared to meet the needs of practical and amateur growers. Lavishly illustrated, showing good and bad practice ..... 2.50
- American Apple Orchard**—F. A. Waugh. Every detail connected with the successful cultivation of the apple is thoroughly explained.... 1.75
- The Cherry and its Culture**—V. R. Gardner. Points out clearly the conditions under which cherries can and cannot be successfully grown.... 1.25

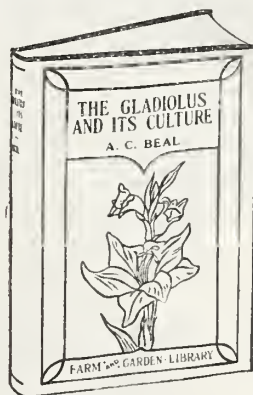


**Bush Fruit Production**—R. A. Van Meter. Covering Raspberries, Blackberries, Dew Berries, Gooseberries, Currants and Blueberries.... 1.25

**The Strawberry**—S. Fraser (New) Tells just what the grower needs to know. Conditions, methods and varieties. No matter where you live you can use this book to advantage ..... 1.25

## FLOWERS, ETC.

- Garden Lilies**—I. Preston. A good book for the person who would grow lilies in the garden for pleasure ..... 1.25
- Everybody's Garden**—F. A. Waugh. The how, the why and especially the whereof of the home garden. Flowers, vegetables, fruits, etc. .... 3.50
- Home Floriculture**—Eben E. Rexford. A guide to the treatment of flowering and other ornamental plants in the house and garden. For amateur floriculturists ..... 1.75
- The Dahlia**—By L. K. Peacock. Covers history and botany, types and varieties, culture, staging, judging, storage and care of tubers, diseases and insect pests and remedies for them, etc., etc. .... 1.25
- The Lawn**—L. S. Dickinson. The latest and best knowledge available on lawn making and turf culture..... 1.25
- Hardy Shrubs**—Frank A. Waugh. Shrubs for everybody and everywhere. What shrubs to plant; where to plant them; when to plant them; how to plant; how to prune and cultivate ..... 1.25



- Hardy Evergreens**—F. A. Schrepfer. It gives accurate directions concerning evergreens; how to plant and how to treat; especially concerning their use in the planted landscape ..... 1.25
- Book of Landscape Gardening**—F. A. Waugh. A practical book on outdoor art ..... 2.00
- The Gladiolus**—A. C. Beal. Treating the propagation and successful culture in home, garden and under glass ..... 1.25
- The Iris**—J. C. Wister. Covering the history development and culture.... 1.25
- Spring Flowering Bulbs**—C. L. Thayer. Practical information on the growing of spring bulbs ..... 1.25
- Roses and Their Culture**—S. C. Hubbard. (New). A treatise on the propagation, culture and history of the rose ..... 1.25
- Garden Guide**—A gem of Garden Literature covering all phases of the work from spading the ground to caring for the product. Paper cover ..... 1.10  
Cloth cover ..... 1.50
- American Rock Gardens**—S. F. Hamblin. Plain and practical directions on how and where to make a rock garden ..... 1.25
- Lilac Culture**—J. C. Wister. In this book the soil requirements and culture are clearly stated ..... 1.25



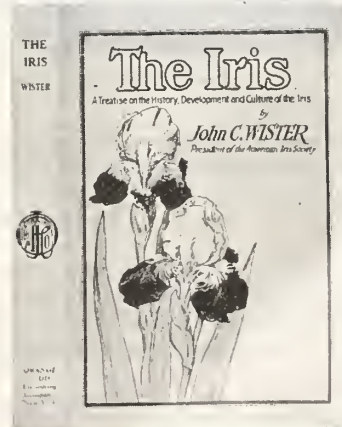
- Milady's House Plants**—F. E. Palmer. How to care for most of the popular house plants, with advice on the best plants to grow indoors. Cloth.. 1.10
- A Little Book of Perennials**—A. C. Hottes. The general principles of growing, selecting and propagating perennials. Paper ..... 1.10  
Cloth ..... 1.65
- A Little Book of Annuals**—A. C. Hottes. Written for the great throng of amateurs who grow flowers. Paper ..... 1.10  
Cloth ..... 1.65

## GENERAL FARMING

- The Use of Fertilizers and Crop Production**—By L. L. Van Slyke. An entirely new presentation of facts not only giving practical methods for using fertilizers in crop growing but placing special emphasis on the reasons underlying their use... 3.50
- Handbook of Fertilizers**—A. F. Gustofson. This book gives practical methods for using fertilizers. Mixing and other important facts are fully covered ..... 1.25

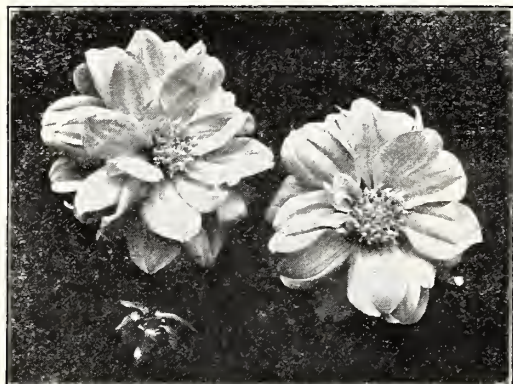
## POULTRY AND PETS

- Poultry Breeding and Management**—Dryden. For the man or woman on the farm interested primarily in making poultry pay ..... 2.00
- Poultry Feeds and Feeding**—Lamon and Lee. A real guide and manual for the feeding of all kinds of poultry ..... 1.75
- Ducks and Geese**—Lamon and Slocum. Every phase of duck and geese raising is fully discussed ..... 2.00
- Turkey Raising**—Lamon & Slocum. This book explains how to handle turkeys to raise them successfully 1.75





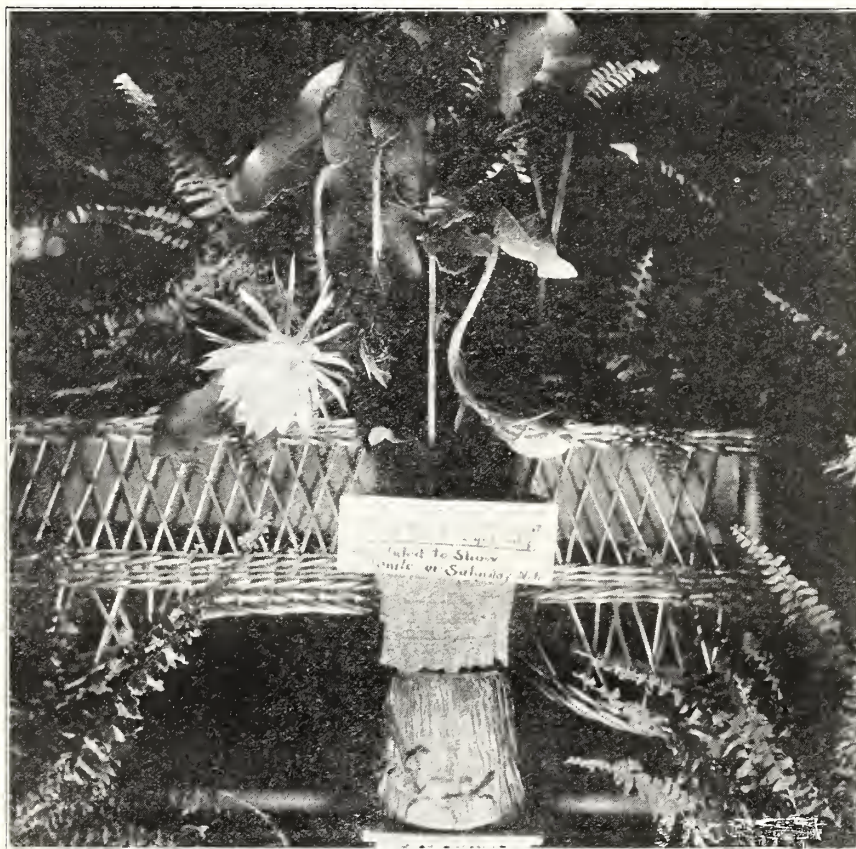
## A Novel New Dwarf Dahlia for Your Garden



Dahlia—Unwins Dwarf Hybrids

### DAHLIA UNWINS DWARF HYBRIDS

These bedding hybrids are the outcome of ten years hybridization and selection. The original parents were Coltness Gem and on the other side the finest varieties of the Charm or miniature Paeony flowered type. Their freedom of flowering is remarkable, they are semi-double, require no stakes, may be planted 18 to 20 inches apart and average between 18 and 24 inches in height. Given exactly the same treatment they are much easier to raise than asters or stocks. We have the seedlings started in pots all ready to bloom after setting out. Price per plant, 25c each. Doz., \$2.50. The plants are of annual nature.



Night Blooming Cereus in Our Store Window

When Comparing Prices

**REMEMBER**

Our Prices Mean

**DELIVERED**

To Your Nearest Postoffice or  
Express Station

The picture to the left shows a specimen of one of our night blooming Cereus plants in full bloom in our store window. The display attracted much attention and the spectacle was indeed a wonderful one. For complete description of these novel plants which may be had for blooming in the home will be found on page 7 under Cereus.

**REMEMBER**

You Have Our

41 Years' Experience

at Your Service

### Description of Color Plate at the State Capitol

Realizing that there has been a great demand for a really fine natural colored picture of the State Capitol and grounds, we have gone to considerable expense to have a full page picture of the Capitol in full colors reproduced in our Yearbook. This color and art work was done by one of the very best artists obtainable in the country and this picture will prove very valuable for framing.



## SEED SOWING CALENDAR

The alert and wide awake gardener begins sowing early in the Spring and then sows succession crops throughout the summer months. The following table is arranged to help the gardener in the sowing of seeds or setting out plants from March to September.

March	April	May	June	July	August	September
<b>Sow in Hotbed</b>	<b>Sow in Hotbed</b>	<b>In Open Ground</b>	<b>In Open Ground</b>	<b>In Open Ground</b>	<b>In Open Ground</b>	<b>In Open Ground</b>
Early Beets	Cucumber	Artichoke	Beans, Lima and	Beans	Corn Salad	Lettuce
Brussels Sprouts	Egg Plant	Asparagus	all other sorts	Beets	Endive	Spinach
Early Cabbage	Melon	Beans, Bush and	Beets	Carrot	Lettuce	Turnip
Forcing Carrot	Pepper	Running	Broccoli	Corn Salad	Early Peas	Sweet Peas
Cauliflower	Tomato	Beets	Brussels Sprouts	Cress	Radish	
Celery		Brussels Sprouts	Late Cabbage	Cucumber	Spinach	
Eggplant		Carrot	Cauliflower	Endive	Turnip	
Kohl Rabi		Cauliflower	Celery	Kale	Onions	
Lettuce	<b>In Open Ground</b>	Sweet Corn	Cress	Kohl Rabi		
Parsley	Asparagus	Cress	Cucumber	Lettuce		
Pepper	Brussels Sprouts	Cucumber	Endive	Early Peas		
Radish	Beans	Kohl Rabi	Kale	Pumpkin		
Tomato	Early Cabbage	Leek	Kohl Rabi	Radish		
Broccoli	Carrot	Lettuce	Lettuce	Spinach		
	Cauliflower	Melon	Nasturtium	White Turnip		
	Celery	Onion	Early Peas			
	Cress	Parsley	Potatoes			
	Kohl Rabi	Parsnip	Pumpkin			
	Lettuce	Peas	Radish			
	Onion	Potatoes	Salsify			
	Parsley	Radish	Spinach			
	Parsnip	Salsify	Squash			
	Peas	Spinach	Herbs			
	Potatoes	Early Turnip				
	Radish					
	Spinach					
	Early Turnip					

**When Buying  
ALFALFA SEED**  
Be sure it is  
**MONTANA GROWN**

**For a Quick Growing, High Yielding, Early  
Maturing, White Milling Variety of  
Spring Wheat, SEE FEDERATION  
THE WONDER WHEAT—PAGE 115**

## QUANTITY OF SEED TO SOW TO A SINGLE ROW OF 100 FEET

Asparagus	1 oz.	Cress	1/4 oz.	Parsley	1/2 oz.
Beans, Bush	1 lb.	Cucumber	1/2 oz.	Parsnip	1/2 oz.
Beans, Lima	1 lb.	Egg Plant	1/2 oz.	Peas	1 lb.
Beans, Pole	1/2 lb.	Endive	1 oz.	Pepper	1/2 oz.
Beet	1 oz.	Kohl Rabi	1/2 oz.	Pumpkin	1/2 oz.
Broccoli	1/4 oz.	Leek	1/2 oz.	Radish	1 oz.
Brussels Sprouts	1/4 oz.	Lettuce	1/2 oz.	Salsify	1 oz.
Cabbage	1/4 oz.	Melon, Musk	1/2 oz.	Spinach	1 oz.
Carrot	1/2 oz.	Melon, Water	1 oz.	Squash	1/2 oz.
Cauliflower	1/4 oz.	Mustard	1/4 oz.	Tomato	1/8 oz.
Celery	1/4 oz.	Onion (for large bulbs)	1 oz.	Turnip	1/2 oz.
Collards	1/4 oz.				
Corn	1/2 lb.				

AVERAGE TIME REQUIRED FOR MATURITY OF DIFFERENT GARDEN CROPS  
RECKONED FROM THE DAY OF PLANTING THE SEED

Beans, String	45 to 65 days	Corn	70 to 120 days	Radish	25 to 35 days
Beans, Shell	65 to 75 days	Egg Plant	135 to 150 days	Squash, Summer	60 to 65 days
Beet, Table	55 to 65 days	Lettuce, Heading	55 to 65 days	Squash, Winter	125 days
Beets, Stock	130 to 150 days	Melon, Water	125 to 140 days	Tomato	135 to 150 days
Cabbage, Early	90 to 105 days	Melon, Musk	120 to 140 days	Turnip	50 to 70 days
Cabbage, Late	125 to 150 days	Onion	130 to 150 days	Spinach, average time	30 to 60 days
Cauliflower	85 to 100 days	Pepper	130 to 140 days		

## NUMBER OF PLANTS PRODUCED FROM AN OUNCE OF SEED

Plants		Plants	
Asparagus	about 300	Kale	about 2,000
Broccoli	" 2,000	Leek	" 1,000
Cabbage	" 2,000	Lettuce	" 3,000
Cauliflower	" 2,000	Pepper	" 2,000
Celery	" 3,000	Tomato	" 3,000
Egg Plant	" 1,000	Sage	" 1,000
Endive	" 3,000	Thyme	" 5,000

## NUMBER OF PLANTS TO THE ACRE

Distance Apart	No. of Plants	Distance Apart	No. of Plants
1 foot by 1 foot	43,560	3 feet by 3 feet	4,840
1 1/2 feet by 1 1/2 feet	19,360	4 feet by 4 feet	2,722
2 feet by 1 foot	21,780	5 feet by 4 feet	2,178
2 feet by 2 feet	10,890	5 feet by 5 feet	1,742
2 1/2 feet by 2 1/2 feet	6,969	6 feet by 6 feet	1,210
3 feet by 2 feet	7,600	8 feet by 8 feet	680

## PARCEL POST RATES

**PARCEL POST RATES**  
Within the United States.  
Rate to Canada: 14c per lb.  
or fraction thereof

First  
pound or  
fraction

Each  
additional  
pound or  
fraction

First Zone within 50 miles of Helena	7c
Second Zone within 50 to 150 miles	7c
Third Zone within 150 to 300 miles	8c
Fourth Zone within 300 to 600 miles	8c
Fifth Zone within 600 to 1000 miles	9c
Sixth Zone within 1000 to 1400 miles	10c
Seventh Zone within 1400 to 1800 miles	12c
Eighth Zone all over 1800 miles	13c

## NOTICE

Within Local Zone and Zones 1, 2 and 3, packages up to 70 pounds in weight are carried. The limit of weight for all other Zones is 50 pounds. Articles measuring more than 7 feet in length and girth combined cannot be shipped by parcel post.

Postage rates to Canada or other Foreign Countries is 14c per pound or fraction thereof

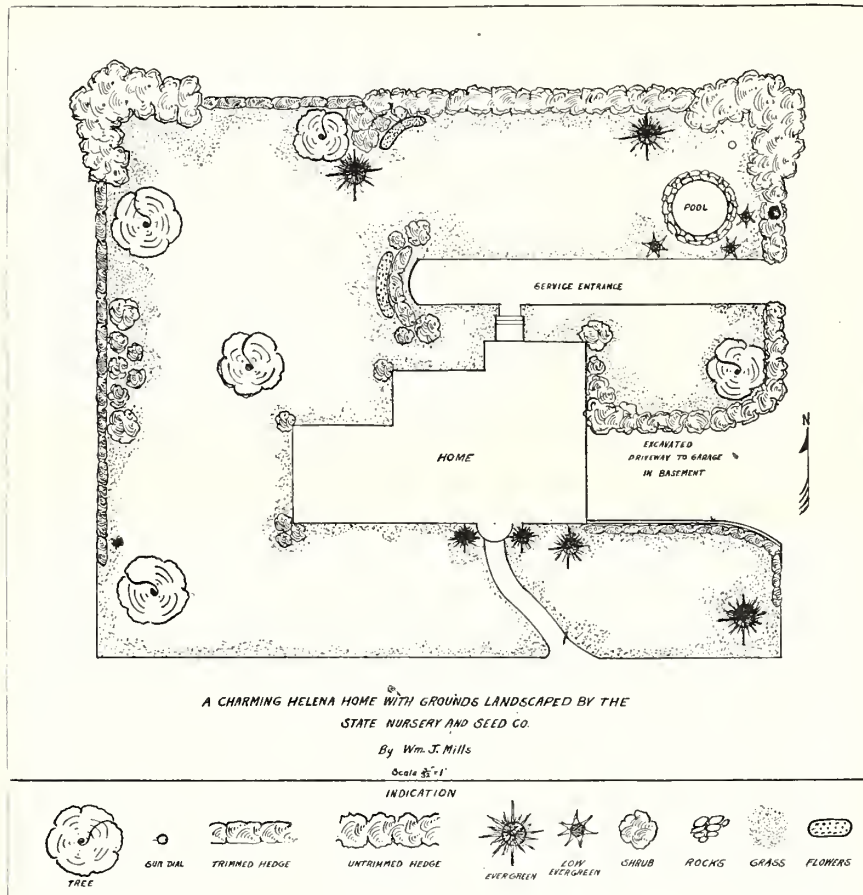
## THE NATIVE PRICKLY PEAR CACTUS

We can supply fine plants of this beautiful Prickly Pear from which our surrounding valley was named. The plants are strong, vigorous, hardy and bear large blooms of golden yellow. PRICE, EACH, 45c.

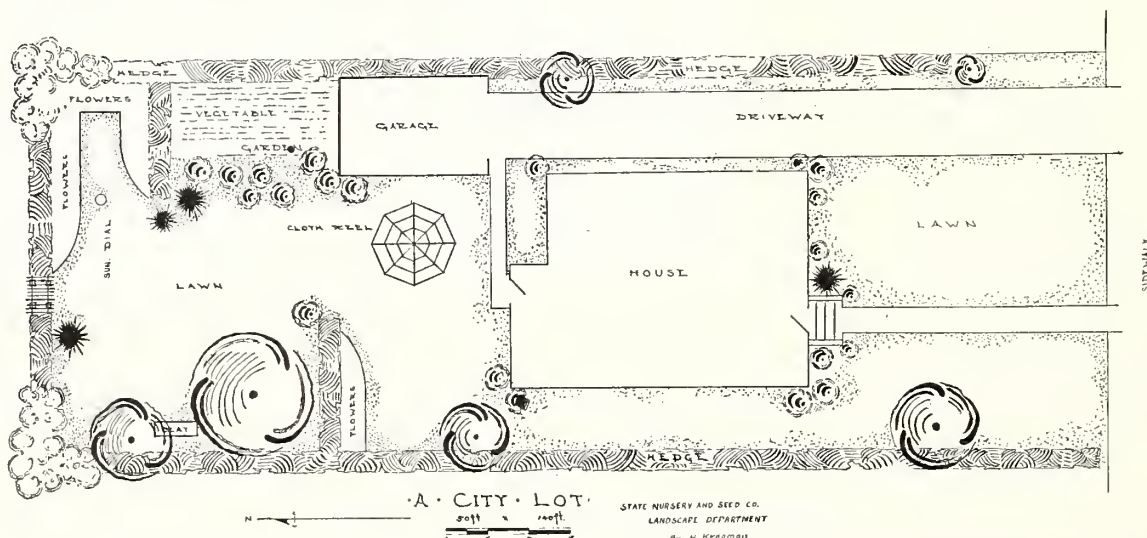
Your Order Large or Small will Receive our Most Careful Attention



# LANDSCAPE DEPARTMENT



The above plan shows an informal arrangement of trees, shrubs and flowers on the property with the back-yard living room idea emphasized. Large open lawn areas are stressed and interesting and natural groupings of trees, shrubs and flowers are to be found. Very little planting is done around the front which is more or less semi-formal, just enough to frame the house and introduce properly the back-yard setting. The breaking of a trimmed hedge into an untrimmed hedge is blended naturally by a well arranged tree and shrubbery grouping. Evergreens are also prominent throughout the arrangement.



The above plan is one made for a customer of ours in Billings and shows a delightful and somewhat different arrangement of the landscape. One's interest is stimulated all thru the walk into this delightful garden which is a fine example of how the smaller city home may be landscaped.

VISIT OUR NURSERY AND SEE OUR TREES AND SHRUBS GROWING

We are prepared to do landscaping in a large or small scale and our landscape department will be glad to help plant and beautify your property.

All during the year we receive rough sketches of homes and property of our friends and customers and these are turned over to our landscape department and plans are drawn showing proper arrangement of Nursery stock and garden furniture, and returned with a general estimate of cost and amount of stock needed. These plans are also drawn and planned so that the improvement program may be carried out over a period of years depending on how much is to be invested each year.

The months of March, April and May are very busy months with us in all departments and plans sent to us at any time of the year prior to these months will receive prompt attention. During the winter is an excellent time to start planning your garden and with our plan as an aid you will find the work of establishing it much easier. Do not hesitate to write to our landscape department at any time for help in making or designing a garden of any style. Our large Nursery stock which we have built up in our forty one years of experience in the State is composed of a great many varieties of trees, Evergreens and shrubs which we have found adaptable and hardy under conditions found in Montana and the Northwest.

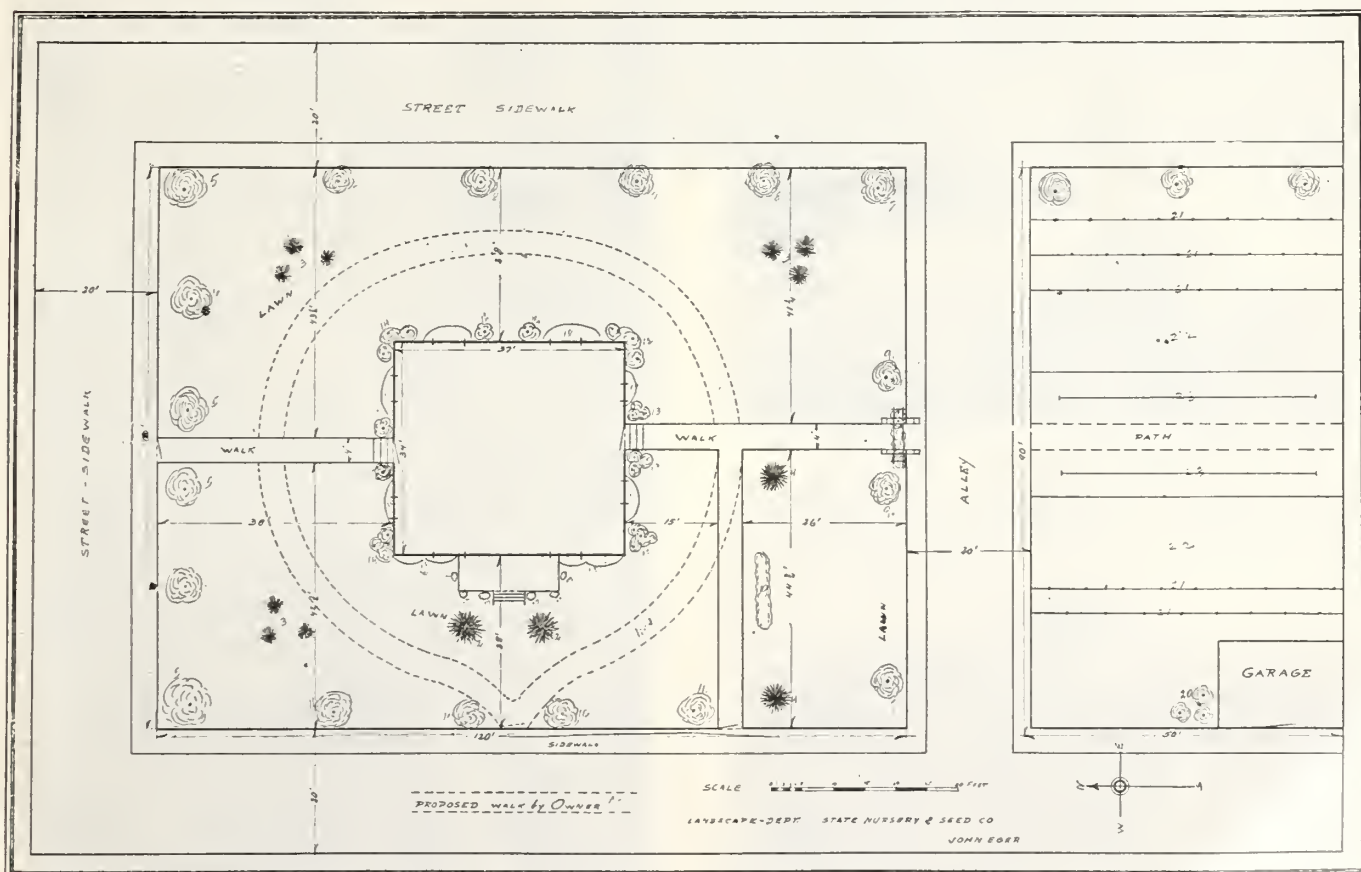


## LANDSCAPE DEPARTMENT (Continued)

As time goes on, the percentage of homes both country and city, that have been properly landscaped is rapidly increasing. The percentage of landscaped properties in general thruout the country is very small however.

There is just as much in the proper arrangement of growing things in the garden as there is in the placing of furniture and fixtures in the dwelling itself. Houses instead of being surrounded and blocked away from view by trees as was the case in days gone by, are now framed as a picture would be by natures stalwart, living sentinels, trees. Then as one walks from the house and enters a modern landscaped garden they will find groupings of shrubbery on one side of them perhaps, then, backed by an intersection of a hedge row, and beautifully framed with various shrubs you will see a flower bed brilliantly aflame with its living glory, which intensifies the interest as you continue to walk deeper into the beautiful garden. Your direct view into the entire secrets of the complete garden is perhaps screened from your immediate view by a well placed section of hedging finished off with shrubbery groupings and perhaps set off with another flower bed. Your instinctive urge is to continue on into this beautiful outdoor living room which reflects natural beauty as only living things can. A beautiful lily pool may be seen over in one corner, perhaps lying at the base of a rustic and natural rockery. Comfortable garden seats may be found placed under the inviting shade and protection of beautiful trees, a gazing globe may also be found in another corner of the garden in which is reflected the whole beauty of the garden. Small tea houses are often found in the garden now, which afford an excellent place for the afternoon bridge party.

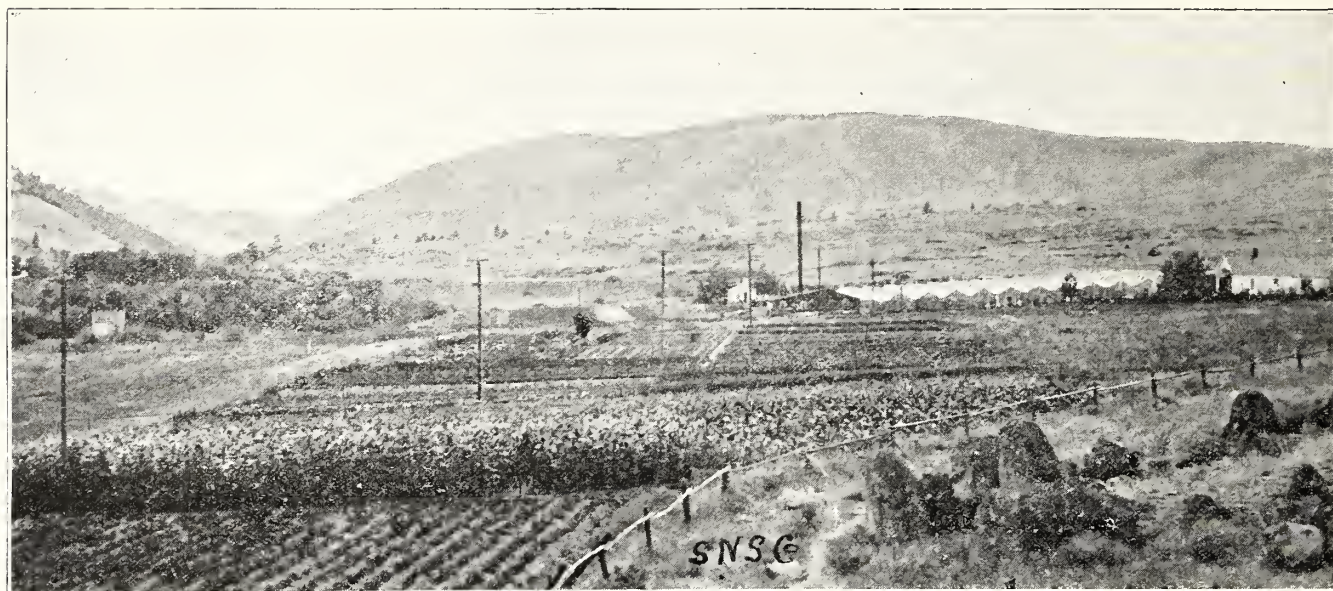
To get away from the everyday cares of life and to make other people envy your home and belongings makes the landscaping of your property indispensable.



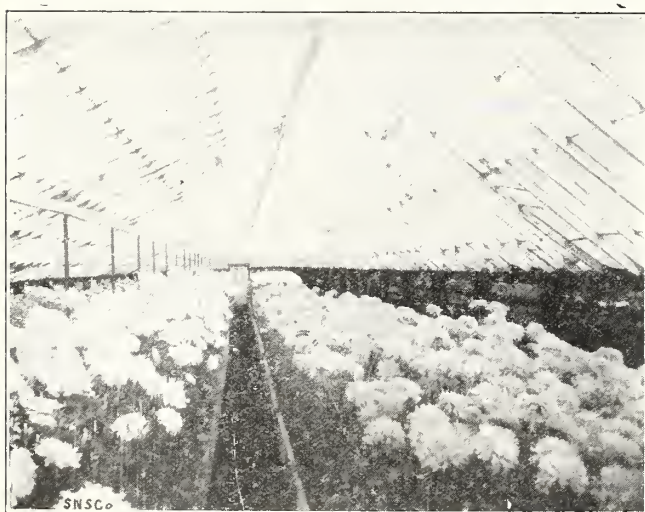
Another plan submitted to us as a rough sketch and worked out and planned by our landscape department, in which many of the property owners own ideas were incorporated in the scheme, including the walk which encircles the entire dwelling. This property is more or less screened with trees, but due to its location, such an arrangement is entirely in order for this particular property. Groupings of evergreens break the lawn in this arrangement but their presence is very much in order with the arrangement of walks. We are always glad to incorporate your ideas with our own and oftentimes a much better plan is the result, as the old saying goes "two heads are better than one."



## SOME GLIMPSES AT AND IN OUR GREENHOUSES



View showing our second big range of greenhouses denoted solely to the growing of Carnations and Roses. Note part of our mammoth seed testing grounds surrounding this range of glass



A House of Chrysanthemums



A House of Geraniums



One of Our Houses of Sweet Peas



# SOME MORE GLIMPSES IN AND AROUND OUR NURSERY



A Section of Our Trial Grounds



A border of Spencer Peas along our Greenhouses



Part of Trial Grounds



A House of Big Chrysanthemums



A Fine Row of Sweet Peas on our Nursery Grounds

In Comparing Prices  
REMEMBER  
OUR PRICES  
include delivery to  
your nearest  
Postoffice or  
Express Station



A Glimpse into our Nursery Grounds

WE EXTEND A  
HEARTY WELCOME  
TO VISIT US  
WHEN IN HELENA



Where Quality must Show



## WE CORDIALLY INVITE YOU TO VIEW THESE COLORFUL SCENES

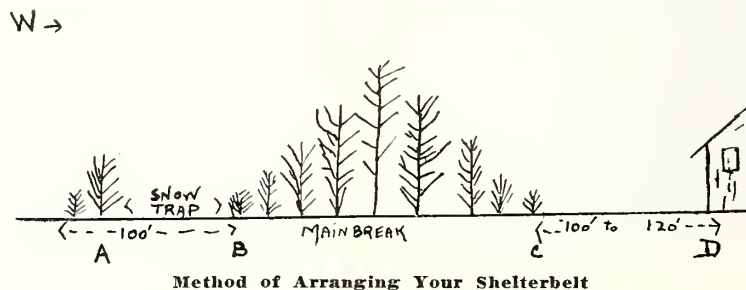


One of our houses of our Famous Pansies, which are proving more popular each year for bedding purposes both in sunny and shady locations, furnishing a mass of bloom all summer long



Two more views of our Mammoth Seed Testing Grounds

FOR OUR  
SHELTERBELT  
COLLECTIONS  
SEE PAGE 44



SEE OUR LIST OF  
HARDY ADAPTED  
TREES, SHRUBS  
AND VINES  
PAGES 38 TO 46



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## TO OUR CUSTOMERS

We wish to point out that we are greatly interested in the garden and farm work in which our customers are engaged. It is always a pleasure to hear of their successes and to be of service when the need demands. Although it is impossible to use every picture sent to us, we greatly appreciate receiving them, and in every instance, where the subject has some special merit, we do our best to incorporate it in our new catalog.

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Twenty Different Dahlias All Named Varieties

See Page 8. \$5.50 POSTPAID

Our Montana Peony Collection

1 White, 1 Pink, 1 Red, POSTPAID \$2.10

HAVE YOU CHECKED OVER  
OUR EVERGREENS?See Pages 45 and 46  
ALSO COLOR PAGESTry a Plant of That  
NEW TOMATO

Bide's N. C. O.

See Page 50 for Description

REMEMBER

Our Prices on Trees, Shrubs and  
Plants (Except Evergreens) Are  
Prepaid to Your Nearest  
Express Station



# Grow Your Own Vegetables... They Taste Better

## SIX CHOICE VARIETIES



### CARROT

S. N. & S. CO.'S NEW RED  
CORED CHANTENAY—

This new carrot meets the requirements of the home garden and market gardener. Tops are shorter and the foliage finer than the regular Chantenay. Strong tops making bunching easy.

The outstanding features of this carrot are the smoothness of the roots, the excellent color of both the exterior and interior, the tenderness of the core and the very uniform and perfect stumping. The stock is very even and considerably earlier than the regular Chantenay. Excellent for slicing or for dicing in soups and salads. Roots tested for sugar averages 10% sweeter than any other carrot.

1 Pkt., 10¢; oz., 25¢; 1/4 lb., 90¢; 1 lb., \$3.00

### CABBAGE

EARLIEST OF ALL

Is the earliest hard heading cabbage in cultivation. Earliest of All combines earliness with solidity, good size, delicious flavor, tenderness and productiveness. We claim that it is the earliest cabbage in cultivation. It has produced fine marketable heads in 70 days from the sowing of the seed, very compact with few outer leaves, permitting close planting. It is a great money maker for the market gardeners and valuable for the home garden.

Pkt., 10¢; 1/2 oz., 30¢; oz., 50¢;  
1/4 lb., \$1.50; 1 lb., \$5.00.



### LETTUCE

CREAMY HEART

Is a new and splendid addition to the lettuce family. It is very similar to the California Cream Butter and was selected on account of its being without brown spots or edges; nice large heads and of a rich golden yellow inside and leaves are very bright green, an excellent variety for late spring and early summer crop; easy to grow and a good shipping variety.

Pkt., 10¢; oz., 35¢; 1/4 lb., \$1.00; 1 lb., \$3.50

### BEET

DETROIT DARK RED TURNIP

The roots are globular or ovoid. They are smooth and have but little tops. The skin is blood-red and the flesh dark red lined with a lighter shade. The flesh is tender and the flavor decidedly sweet. A popular favorite for canning because of its extra deep dark red color. 50 days.

Pkt., 5¢; oz., 25¢; 1/4 lb., 90¢; 1 lb., \$1.50



### BEANS

FELTHAM PROLIFIC

Is a dwarf green bean and one of the heaviest croppers yet introduced. It produces a mass of medium sized, rich green fleshy pods which are very crisp, and stringless. As the seed is small they do not quickly show through the pods. This is a great advantage as many other good varieties age so quickly that they are useless if allowed to go a day or two too long. "Feltham Prolific" is dwarf with dark green foliage and remarkably quick in growth. A test of 1/4 lb. of seed in Montana yielded 10 lbs. of dried beans. Try this sweet and delicious bean. They are really wonderful.

Pkt., 10¢; 1/2 lb., 25¢; 1 lb., 45¢;  
2 lbs., 80¢



### TOMATO

MARKET KING

Early and prolific. It is one of the finest tomatoes for indoor and outdoor culture ever introduced (matures quickly from seed). The Market King sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruit smooth and of fine quality, medium in size and perfectly round. The color is bright scarlet and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop, for this reason it is very valuable for market purposes. Market King has won many awards and prizes.

Pkt., 25¢; 1/4 oz., \$1.50; 1/2 oz., \$2.50;  
oz., \$4.50





# STATE NURSERY AND SEED CO.



Spring



1931

HELENA • MONTANA  
ESTABLISHED 1890